Independent wall **cladding**

The plasterboards can be utilised as sheathing material for internal and external walls. They are especially applicable in the case of fast and clean renovations. The surface of dry plaster is smooth and constitutes perfect substrate for further finishing works. The Nida plasterboards, thickness 12.5 mm, in independet wall cladding system are fixed to Nida C and Nida UAR steel structure. When one, or a few layers of the Nida Ogień Plus (Type DF) boards, thickness 12.5 mm, or 15 mm, are fixed to a Nida independet steel structure, the load-bearing walls of the building can reach the EI120 fire resistance class. When such structures with additional layer of insulation material are constructed, the acoustic and thermal insulation of their external walls is increased.

chapter contents

nida Tynk / index of systems

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Acoustic insulation: Rw [dB]	Acoustic insulation: Ra1 [dB]	Acoustic insulation: Ra2 [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C50 STRUCTURE																
173	C50-12,5/Expert	Expert	12,5	A	C50	600	glass / rock	50	12	2800	34	32	28	11.0	-	-
173	C50-12,5/Woda [3]	Woda	12,5	H2	C50	600	glass / rock	50	12	2800	34	32	28	11.0	-	-
173	C50-12,5/Ogień+	Ogień Plus	12,5	DF	C50	600	glass / rock	50	12	3000	36	34	30	13.0	(R)EI15	-
173	C50-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	C50	600	glass / rock	50	12	3000	36	34	30	13.0	(R)EI15	-
173	C50-12,5/Cicha	Cicha	12,5	DFH1IR	C50	600	glass / rock	50	12	3000	49 [6]	48	43	16.0	(R)EI15	●
173	C50-12,5/Twarda	Twarda	12,5	DEFH1IR	C50	600	glass / rock	50	12	3000	49 [6]	47	43	16.0	(R)EI15	●
173	C50-12,5/Hydro	Hydro	12,5	GMFH1I	C50	600	glass / rock	50	12	3000	36	34	30	14.0	(R)EI15	●
173	C50-18/Ogień+	Ogień Plus	18,0	DF	C50	600	glass / rock	50	12	3000	36	34	30	17.0	(R)EI30	-
175	C50-25/Expert	Expert	2x12,5	A	C50	600	glass / rock	50	12	3000	37	35	31	19.0	-	-
175	C50-25/Woda [3]	Woda	2x12,5	H2	C50	600	glass / rock	50	12	3000	37	35	31	19.0	-	-
175	C50-25/OgieńTypF	Ogień Typ F	2x12,5	F	C50	600	glass / rock	50	12	3000	37	35	31	20.0	(R)EI30	-
175	C50-25/Ogień+	Ogień Plus	2x12,5	DF	C50	600	glass / rock	50	12	3000	40	38	35	23.0	(R)EI30	-
175	C50-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	C50	600	glass / rock	50	12	3000	40	38	35	23.0	(R)EI30	-
175	C50-25/Cicha	Cicha	2x12,5	DFH1IR	C50	600	glass / rock	50	12	3000	50 [6]	49	47	28.0	(R)EI30	●
175	C50-25/Twarda	Twarda	2x12,5	DEFH1IR	C50	600	glass / rock	50	12	3000	50 [6]	49	46	28.0	(R)EI30	●
175	C50-25/Hydro	Hydro	2x12,5	GMFH1I	C50	600	glass / rock	50	12	3000	40	38	35	24.0	(R)EI30	●
175	C50-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	C50	600	glass / rock	50	12	3000	40	38	35	27.0	(R)EI60	-
175	C50-30/Ogień+	Ogień Plus	2x15,0	DF	C50	600	glass / rock	50	12	3000	41	40	37	30.0	(R)EI60	-
175	C50-30/Twarda	Twarda	2x15,0	DEFH1IR	C50	600	glass / rock	50	12	3000	49 [6]	48	46	33.0	(R)EI60	●
175	C50-30/Hydro	Hydro	2x15,0	GMFH1I	C50	600	glass / rock	50	12	3000	41	40	37	30.0	(R)EI60	●
177	C50-37,5/Ogień+	Ogień Plus	3x12,5	DF	C50	600	glass / rock	50	12	3000	41	40	37	33.0	(R)EI60	-
177	C50-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	C50	600	glass / rock	50	12	3000	41	40	37	33.0	(R)EI60	-
177	C50-37,5/Cicha	Cicha	3x12,5	DFH1IR	C50	600	glass / rock	50	12	3000	51 [6]	50	48	41.0	(R)EI60	●
177	C50-37,5/Twarda	Twarda	3x12,5	DEFH1IR	C50	600	glass / rock	50	12	3000	50 [6]	50	47	41.0	(R)EI60	●
177	C50-37,5/Hydro	Hydro	3x12,5	GMFH1I	C50	600	glass / rock	50	12	3000	41	40	37	35.0	(R)EI60	●
177	C50-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	C50	600	glass / rock	50	12	3000	41	40	37	43.0	(R)EI120	-
177	C50-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	C50	600	glass / rock	50	12	3000	41	40	37	43.0	(R)EI120	-
179	C50-50/Ogień+	Ogień Plus	4x12,5	DF	C50	600	glass / rock	50	14	3000	41	40	38	43.0	(R)EI90	-
179	C50-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	C50	600	glass / rock	50	14	3000	41	40	38	43.0	(R)EI90	-
179	C50-50/Cicha	Cicha	4x12,5	DFH1IR	C50	600	glass / rock	50	14	3000	51 [6]	51	49	54.0	(R)EI90	●
179	C50-50/Twarda	Twarda	4x12,5	DEFH1IR	C50	600	glass / rock	50	14	3000	51 [6]	50	48	54.0	(R)EI90	●
179	C50-50/Hydro	Hydro	4x12,5	GMFH1I	C50	600	glass / rock	50	14	3000	41	40	38	46.0	(R)EI90	●
179	C50-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	C50	600	glass / rock	50	14	3000	41	40	38	50,0	(R)EI120	-
179	C50-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	C50	600	glass / rock	50	14	3000	51 [6]	50	48	59,0	(R)EI120	●
179	C50-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	C50	600	glass / rock	50	14	3000	41	40	38	51,0	(R)EI120	●
179	C50-60/Ogień+	Ogień Plus	4x15,0	DF	C50	600	glass / rock	50	14	3000	42	41	39	57.0	(R)EI120	-
179	C50-60/Twarda	Twarda	4x15,0	DEFH1IR	C50	600	glass / rock	50	14	3000	51 [6]	50	48	65.0	(R)EI120	●
179	C50-60/Hydro	Hydro	4x15,0	GMFH1I	C50	600	glass / rock	50	14	3000	42	41	39	57.0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[6] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Acoustic insulation: Rw [dB]	Acoustic insulation: Ra1 [dB]	Acoustic insulation: Ra2 [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C75 STRUCTURE																
181	C75-12,5/Expert	Expert	12,5	A	C75	600	glass / rock	50	12	3000	34	32	28	11.0	-	-
181	C75-12,5/Woda [3]	Woda	12,5	H2	C75	600	glass / rock	50	12	3000	34	32	28	11.0	-	-
181	C75-12,5/Ogień+	Ogień Plus	12,5	DF	C75	600	glass / rock	50	12	3000	36	34	30	13.0	(R)EI15	-
181	C75-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	C75	600	glass / rock	50	12	3000	36	34	30	13.0	(R)EI15	-
181	C75-12,5/Cicha	Cicha	12,5	DFH1IR	C75	600	glass / rock	75	12	3000	50 [6]	49	46	16.0	(R)EI15	●
181	C75-12,5/Twarda	Twarda	12,5	DEFH1IR	C75	600	glass / rock	75	12	3000	49 [6]	48	45	16.0	(R)EI15	●
181	C75-12,5/Hydro	Hydro	12,5	GMFH1I	C75	600	glass / rock	50	12	3000	36	34	30	14.0	(R)EI15	●
181	C75-18/Ogień+	Ogień Plus	18,0	DF	C75	600	glass / rock	50	12	3000	36	34	30	17.0	(R)EI30	-
183	C75-25/Expert	Expert	2x12,5	A	C75	600	glass / rock	50	12	4000	37	35	31	19.0	-	-
183	C75-25/Woda [3]	Woda	2x12,5	H2	C75	600	glass / rock	50	12	4000	37	35	31	19.0	-	-
183	C75-25/OgieńTypF	Ogień Typ F	2x12,5	F	C75	600	glass / rock	50	12	4000	37	35	31	20,0	(R)EI30	-
183	C75-25/Ogień+	Ogień Plus	2x12,5	DF	C75	600	glass / rock	50	12	4000	40	38	35	23.0	(R)EI30	-
183	C75-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	C75	600	glass / rock	50	12	4000	40	38	35	23.0	(R)EI30	-
183	C75-25/Cicha	Cicha	2x12,5	DFH1IR	C75	600	glass / rock	75	12	4000	50 [6]	50	48	28.0	(R)EI30	●
183	C75-25/Twarda	Twarda	2x12,5	DEFH1IR	C75	600	glass / rock	75	12	4000	50 [6]	49	47	28.0	(R)EI30	●
183	C75-25/Hydro	Hydro	2x12,5	GMFH1I	C75	600	glass / rock	50	12	4000	40	38	35	24.0	(R)EI30	●
183	C75-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	C75	600	glass / rock	50	12	4000	40	38	35	27,0	(R)EI60	-
183	C75-30/Ogień+	Ogień Plus	2x15,0	DF	C75	600	glass / rock	50	12	4000	41	40	37	30.0	(R)EI60	-
183	C75-30/Twarda	Twarda	2x15,0	DEFH1IR	C75	600	glass / rock	75	12	4000	49 [6]	49	47	33.0	(R)EI60	●
183	C75-30/Hydro	Hydro	2x15,0	GMFH1I	C75	600	glass / rock	50	12	4000	41	40	37	30.0	(R)EI60	●
185	C75-37,5/Ogień+	Ogień Plus	3x12,5	DF	C75	600	glass / rock	50	12	4000	41	40	37	33.0	(R)EI60	-
185	C75-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	C75	600	glass / rock	50	12	4000	41	40	37	33.0	(R)EI60	-
185	C75-37,5/Cicha	Cicha	3x12,5	DFH1IR	C75	600	glass / rock	75	12	4000	51 [6]	50	48	41.0	(R)EI60	●
185	C75-37,5/Twarda	Twarda	3x12,5	DEFH1IR	C75	600	glass / rock	75	12	4000	50 [6]	50	48	41.0	(R)EI60	●
185	C75-37,5/Hydro	Hydro	3x12,5	GMFH1I	C75	600	glass / rock	50	12	4000	41	40	37	35.0	(R)EI60	●
185	C75-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	C75	600	glass / rock	50	12	4000	41	40	37	43,0	(R)EI120	-
185	C75-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	C75	600	glass / rock	50	12	4000	41	40	37	43,0	(R)EI120	-
187	C75-50/Ogień+	Ogień Plus	4x12,5	DF	C75	600	glass / rock	75	14	4000	43	41	38	43.0	(R)EI90	-
187	C75-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	C75	600	glass / rock	75	14	4000	43	41	38	43.0	(R)EI90	-
187	C75-50/Cicha	Cicha	4x12,5	DFH1IR	C75	600	glass / rock	75	14	4000	51 [6]	51	49	54.0	(R)EI90	●
187	C75-50/Twarda	Twarda	4x12,5	DEFH1IR	C75	600	glass / rock	75	14	4000	51 [6]	50	48	54.0	(R)EI90	●
187	C75-50/Hydro	Hydro	4x12,5	GMFH1I	C75	600	glass / rock	75	14	4000	43	41	38	46.0	(R)EI90	●
187	C75-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	C75	600	glass / rock	75	14	4000	43	41	38	51,0	(R)EI120	-
187	C75-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	C75	600	glass / rock	75	14	4000	51 [6]	50	48	60,0	(R)EI120	●
187	C75-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	C75	600	glass / rock	75	14	4000	43	41	38	52,0	(R)EI120	●
187	C75-60/Ogień+	Ogień Plus	4x15,0	DF	C75	600	glass / rock	75	14	4000	44	42	40	57.0	(R)EI120	-
187	C75-60/Twarda	Twarda	4x15,0	DEFH1IR	C75	600	glass / rock	75	14	4000	51 [6]	50	48	65.0	(R)EI120	●
187	C75-60/Hydro	Hydro	4x15,0	GMFH1I	C75	600	glass / rock	75	14	4000	44	42	40	57.0	(R)EI120	●

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[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[6] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Acoustic insulation: Rw [dB]	Acoustic insulation: Ra1 [dB]	Acoustic insulation: Ra2 [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C100 STRUCTURE																
189	C100-12,5/Expert	Expert	12,5	A	C100	600	glass / rock	50	12	4000	34	32	28	12.0	-	-
189	C100-12,5/Woda [3]	Woda	12,5	H2	C100	600	glass / rock	50	12	4000	34	32	28	12.0	-	-
189	C100-12,5/Ogień+	Ogień Plus	12,5	DF	C100	600	glass / rock	50	12	4000	36	34	30	14.0	(R)EI15	-
189	C100-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	C100	600	glass / rock	50	12	4000	36	34	30	14.0	(R)EI15	-
189	C100-12,5/Cicha	Cicha	12,5	DFH1IR	C100	600	glass / rock	100	12	4000	50 [6]	49	47	17.0	(R)EI15	●
189	C100-12,5/Twarda	Twarda	12,5	DEFH1IR	C100	600	glass / rock	100	12	4000	49 [6]	49	46	17.0	(R)EI15	●
189	C100-12,5/Hydro	Hydro	12,5	GMFH1I	C100	600	glass / rock	50	12	4000	36	34	30	15.0	(R)EI15	●
189	C100-18/Ogień+	Ogień Plus	18,0	DF	C100	600	glass / rock	50	12	4000	36	34	30	18.0	(R)EI30	-
191	C100-25/Expert	Expert	2x12,5	A	C100	600	glass / rock	50	12	5000	37	35	31	20.0	-	-
191	C100-25/Woda [3]	Woda	2x12,5	H2	C100	600	glass / rock	50	12	5000	37	35	31	20.0	-	-
191	C100-25/OgieńTypF	Ogień Typ F	2x12,5	F	C100	600	glass / rock	50	12	5000	37	35	31	21.0	(R)EI30	-
191	C100-25/Ogień+	Ogień Plus	2x12,5	DF	C100	600	glass / rock	50	12	5000	40	38	35	24.0	(R)EI30	-
191	C100-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	C100	600	glass / rock	50	12	5000	40	38	35	24.0	(R)EI30	-
191	C100-25/Cicha	Cicha	2x12,5	DFH1IR	C100	600	glass / rock	100	12	5000	50 [6]	50	48	29.0	(R)EI30	●
191	C100-25/Twarda	Twarda	2x12,5	DEFH1IR	C100	600	glass / rock	100	12	5000	50 [6]	49	47	29.0	(R)EI30	●
191	C100-25/Hydro	Hydro	2x12,5	GMFH1I	C100	600	glass / rock	50	12	5000	40	38	35	25.0	(R)EI30	●
191	C100-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	C100	600	glass / rock	50	12	5000	40	38	35	28.0	(R)EI60	-
191	C100-30/Ogień+	Ogień Plus	2x15,0	DF	C100	600	glass / rock	50	12	5000	41	40	37	31.0	(R)EI60	-
191	C100-30/Twarda	Twarda	2x15,0	DEFH1IR	C100	600	glass / rock	100	12	5000	49 [6]	49	47	34.0	(R)EI60	●
191	C100-30/Hydro	Hydro	2x15,0	GMFH1I	C100	600	glass / rock	50	12	5000	41	40	37	31.0	(R)EI60	●
193	C100-37,5/Ogień+	Ogień Plus	3x12,5	DF	C100	600	glass / rock	100	12	5000	45	44	39	34.0	(R)EI60	-
193	C100-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	C100	600	glass / rock	100	12	5000	45	44	39	34.0	(R)EI60	-
193	C100-37,5/Cicha	Cicha	3x12,5	DFH1IR	C100	600	glass / rock	100	12	5000	51 [6]	50	48	42.0	(R)EI60	●
193	C100-37,5/Twarda	Twarda	3x12,5	DEFH1IR	C100	600	glass / rock	100	12	5000	50 [6]	50	48	42.0	(R)EI60	●
193	C100-37,5/Hydro	Hydro	3x12,5	GMFH1I	C100	600	glass / rock	100	12	5000	45	44	39	36.0	(R)EI60	●
193	C100-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	C100	600	glass / rock	100	12	5000	45	44	39	44.0	(R)EI120	-
193	C100-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	C100	600	glass / rock	100	12	5000	45	44	39	44.0	(R)EI120	-
195	C100-50/Ogień+	Ogień Plus	4x12,5	DF	C100	600	glass / rock	100	14	5000	44	42	39	44.0	(R)EI90	-
195	C100-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	C100	600	glass / rock	100	14	5000	44	42	39	44.0	(R)EI90	-
195	C100-50/Cicha	Cicha	4x12,5	DFH1IR	C100	600	glass / rock	100	14	5000	51 [6]	51	49	55.0	(R)EI90	●
195	C100-50/Twarda	Twarda	4x12,5	DEFH1IR	C100	600	glass / rock	100	14	5000	51 [6]	50	49	55.0	(R)EI90	●
195	C100-50/Hydro	Hydro	4x12,5	GMFH1I	C100	600	glass / rock	100	14	5000	44	42	39	47.0	(R)EI90	●
195	C100-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	C100	600	glass / rock	100	14	5000	44	42	39	51,0	(R)EI120	-
195	C100-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	C100	600	glass / rock	100	14	5000	51 [6]	50	49	60,0	(R)EI120	●
195	C100-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	C100	600	glass / rock	100	14	5000	44	42	39	52,0	(R)EI120	●
195	C100-60/Ogień+	Ogień Plus	4x15,0	DF	C100	600	glass / rock	100	14	5000	45	44	40	58.0	(R)EI120	-
195	C100-60/Twarda	Twarda	4x15,0	DEFH1IR	C100	600	glass / rock	100	14	5000	51 [6]	50	49	66.0	(R)EI120	●
195	C100-60/Hydro	Hydro	4x15,0	GMFH1I	C100	600	glass / rock	100	14	5000	45	44	40	58.0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[6] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Increase of acoustic insulation: ΔRw max [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC50 STRUCTURE														
197	CC50-12,5/Expert	Expert	12,5	A	2xC50	600	optional	-	-	4000	12	11.0	-	-
197	CC50-12,5/Woda [3]	Woda	12,5	H2	2xC50	600	optional	-	-	4000	12	11.0	-	-
197	CC50-12,5/Ogień+	Ogień Plus	12,5	DF	2xC50	600	optional	-	-	4000	12	13.0	(R)EI15	-
197	CC50-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xC50	600	optional	-	-	4000	12	13.0	(R)EI15	-
197	CC50-12,5/Cicha	Cicha	12,5	DFH1IR	2xC50	600	optional	-	-	4000	12	16.0	(R)EI15	●
197	CC50-12,5/Twarda	Twarda	12,5	DEFH1IR	2xC50	600	optional	-	-	4000	12	16.0	(R)EI15	●
197	CC50-12,5/Hydro	Hydro	12,5	GMFH1I	2xC50	600	optional	-	-	4000	12	14.0	(R)EI15	●
197	CC50-18/Ogień+	Ogień Plus	18,0	DF	2xC50	600	optional	-	-	4000	12	17.0	(R)EI30	-
199	CC50-25/Expert	Expert	2x12,5	A	2xC50	600	optional	-	-	4500	12	20.0	-	-
199	CC50-25/Woda [3]	Woda	2x12,5	H2	2xC50	600	optional	-	-	4500	12	20.0	-	-
199	CC50-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xC50	600	optional	-	-	4500	12	21.0	(R)EI30	-
199	CC50-25/Ogień+	Ogień Plus	2x12,5	DF	2xC50	600	optional	-	-	4500	12	24.0	(R)EI30	-
199	CC50-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xC50	600	optional	-	-	4500	12	24.0	(R)EI30	-
199	CC50-25/Cicha	Cicha	2x12,5	DFH1IR	2xC50	600	optional	-	-	4500	12	29.0	(R)EI30	●
199	CC50-25/Twarda	Twarda	2x12,5	DEFH1IR	2xC50	600	optional	-	-	4500	12	29.0	(R)EI30	●
199	CC50-25/Hydro	Hydro	2x12,5	GMFH1I	2xC50	600	optional	-	-	4500	12	25.0	(R)EI30	●
199	CC50-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xC50	600	optional	-	-	4500	12	28.0	(R)EI60	-
199	CC50-30/Ogień+	Ogień Plus	2x15,0	DF	2xC50	600	optional	-	-	4500	12	31.0	(R)EI60	-
199	CC50-30/Twarda	Twarda	2x15,0	DEFH1IR	2xC50	600	optional	-	-	4500	12	34.0	(R)EI60	●
199	CC50-30/Hydro	Hydro	2x15,0	GMFH1I	2xC50	600	optional	-	-	4500	12	31.0	(R)EI60	●
201	CC50-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xC50	600	optional	-	-	4500	12	33.0	(R)EI60	-
201	CC50-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xC50	600	optional	-	-	4500	12	33.0	(R)EI60	-
201	CC50-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xC50	600	optional	-	-	4500	12	41.0	(R)EI60	●
201	CC50-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xC50	600	optional	-	-	4500	12	41.0	(R)EI60	●
201	CC50-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xC50	600	optional	-	-	4500	12	35.0	(R)EI60	●
201	CC50-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	2xC50	600	optional	-	-	4500	12	44.0	(R)EI120	-
201	CC50-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	2xC50	600	optional	-	-	4500	12	44.0	(R)EI120	-
203	CC50-50/Ogień+	Ogień Plus	4x12,5	DF	2xC50	600	optional	-	-	4500	12	44.0	(R)EI90	-
203	CC50-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xC50	600	optional	-	-	4500	12	44.0	(R)EI90	-
203	CC50-50/Cicha	Cicha	4x12,5	DFH1IR	2xC50	600	optional	-	-	4500	12	55.0	(R)EI90	●
203	CC50-50/Twarda	Twarda	4x12,5	DEFH1IR	2xC50	600	optional	-	-	4500	12	55.0	(R)EI90	●
203	CC50-50/Hydro	Hydro	4x12,5	GMFH1I	2xC50	600	optional	-	-	4500	12	47.0	(R)EI90	●
203	CC50-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xC50	600	optional	-	-	4500	12	51,0	(R)EI120	-
203	CC50-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xC50	600	optional	-	-	4500	12	61,0	(R)EI120	●
203	CC50-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xC50	600	optional	-	-	4500	12	53,0	(R)EI120	●
203	CC50-60/Ogień+	Ogień Plus	4x15,0	DF	2xC50	600	optional	-	-	4500	12	58.0	(R)EI120	-
203	CC50-60/Twarda	Twarda	4x15,0	DEFH1IR	2xC50	600	optional	-	-	4500	12	66.0	(R)EI120	●
203	CC50-60/Hydro	Hydro	4x15,0	GMFH1I	2xC50	600	optional	-	-	4500	12	58.0	(R)EI120	●

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[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

INDEPENDENT WALL CLADDING

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Increase of acoustic insulation ΔRw max [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [2] [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC75 STRUCTURE														
205	CC75-12,5/Expert	Expert	12,5	A	2xC75	600	optional	-	-	4500	12	11.0	-	-
205	CC75-12,5/Woda [3]	Woda	12,5	H2	2xC75	600	optional	-	-	4500	12	11.0	-	-
205	CC75-12,5/Ogień+	Ogień Plus	12,5	DF	2xC75	600	optional	-	-	4500	12	13.0	(R)EI115	-
205	CC75-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xC75	600	optional	-	-	4500	12	13.0	(R)EI115	-
205	CC75-12,5/Cicha	Cicha	12,5	DFH1IR	2xC75	600	optional	-	-	4500	12	16.0	(R)EI115	●
205	CC75-12,5/Twarda	Twarda	12,5	DEFH1IR	2xC75	600	optional	-	-	4500	12	16.0	(R)EI115	●
205	CC75-12,5/Hydro	Hydro	12,5	GMFH1I	2xC75	600	optional	-	-	4500	12	14.0	(R)EI115	●
205	CC75-18/Ogień+	Ogień Plus	18,0	DF	2xC75	600	optional	-	-	4500	12	17.0	(R)EI30	-
207	CC75-25/Expert	Expert	2x12,5	A	2xC75	600	optional	-	-	5500	12	20.0	-	-
207	CC75-25/Woda [3]	Woda	2x12,5	H2	2xC75	600	optional	-	-	5500	12	20.0	-	-
207	CC75-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xC75	600	optional	-	-	5500	12	22.0	(R)EI30	-
207	CC75-25/Ogień+	Ogień Plus	2x12,5	DF	2xC75	600	optional	-	-	5500	12	24.0	(R)EI30	-
207	CC75-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xC75	600	optional	-	-	5500	12	24.0	(R)EI30	-
207	CC75-25/Cicha	Cicha	2x12,5	DFH1IR	2xC75	600	optional	-	-	5500	12	29.0	(R)EI30	●
207	CC75-25/Twarda	Twarda	2x12,5	DEFH1IR	2xC75	600	optional	-	-	5500	12	29.0	(R)EI30	●
207	CC75-25/Hydro	Hydro	2x12,5	GMFH1I	2xC75	600	optional	-	-	5500	12	25.0	(R)EI30	●
207	CC75-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xC75	600	optional	-	-	5500	12	28.0	(R)EI60	-
207	CC75-30/Ogień+	Ogień Plus	2x15,0	DF	2xC75	600	optional	-	-	5500	12	31.0	(R)EI60	-
207	CC75-30/Twarda	Twarda	2x15,0	DEFH1IR	2xC75	600	optional	-	-	5500	12	34.0	(R)EI60	●
207	CC75-30/Hydro	Hydro	2x15,0	GMFH1I	2xC75	600	optional	-	-	5500	12	31.0	(R)EI60	●
209	CC75-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xC75	600	optional	-	-	5500	12	33.0	(R)EI60	-
209	CC75-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xC75	600	optional	-	-	5500	12	33.0	(R)EI60	-
209	CC75-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xC75	600	optional	-	-	5500	12	41.0	(R)EI60	●
209	CC75-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xC75	600	optional	-	-	5500	12	41.0	(R)EI60	●
209	CC75-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xC75	600	optional	-	-	5500	12	35.0	(R)EI60	●
209	CC75-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	2xC75	600	optional	-	-	5500	12	45.0	(R)EI120	-
209	CC75-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	2xC75	600	optional	-	-	5500	12	45.0	(R)EI120	-
211	CC75-50/Ogień+	Ogień Plus	4x12,5	DF	2xC75	600	optional	-	-	5500	12	44.0	(R)EI90	-
211	CC75-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xC75	600	optional	-	-	5500	12	44.0	(R)EI90	-
211	CC75-50/Cicha	Cicha	4x12,5	DFH1IR	2xC75	600	optional	-	-	5500	12	55.0	(R)EI90	●
211	CC75-50/Twarda	Twarda	4x12,5	DEFH1IR	2xC75	600	optional	-	-	5500	12	55.0	(R)EI90	●
211	CC75-50/Hydro	Hydro	4x12,5	GMFH1I	2xC75	600	optional	-	-	5500	12	47.0	(R)EI90	●
211	CC75-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xC75	600	optional	-	-	5500	12	52,0	(R)EI120	-
211	CC75-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xC75	600	optional	-	-	5500	12	61,0	(R)EI120	●
211	CC75-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xC75	600	optional	-	-	5500	12	53,0	(R)EI120	●
211	CC75-60/Ogień+	Ogień Plus	4x15,0	DF	2xC75	600	optional	-	-	5500	12	58.0	(R)EI120	-
211	CC75-60/Twarda	Twarda	4x15,0	DEFH1IR	2xC75	600	optional	-	-	5500	12	66.0	(R)EI120	●
211	CC75-60/Hydro	Hydro	4x15,0	GMFH1I	2xC75	600	optional	-	-	5500	12	58.0	(R)EI120	●

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[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Increase of acoustic insulation ΔRw max [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC100 STRUCTURE														
213	CC100-12,5/Expert	Expert	12,5	A	2xC100	600	optional	-	-	5500	12	12.0	-	-
213	CC100-12,5/Woda [3]	Woda	12,5	H2	2xC100	600	optional	-	-	5500	12	12.0	-	-
213	CC100-12,5/Ogień+	Ogień Plus	12,5	DF	2xC100	600	optional	-	-	5500	12	14.0	(R)EI115	-
213	CC100-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xC100	600	optional	-	-	5500	12	14.0	(R)EI115	-
213	CC100-12,5/Cicha	Cicha	12,5	DFH1IR	2xC100	600	optional	-	-	5500	12	17.0	(R)EI115	●
213	CC100-12,5/Twarda	Twarda	12,5	DEFH1IR	2xC100	600	optional	-	-	5500	12	17.0	(R)EI115	●
213	CC100-12,5/Hydro	Hydro	12,5	GMFH1I	2xC100	600	optional	-	-	5500	12	15.0	(R)EI115	●
213	CC100-18/Ogień+	Ogień Plus	18,0	DF	2xC100	600	optional	-	-	5500	12	18.0	(R)EI30	-
215	CC100-25/Expert	Expert	2x12,5	A	2xC100	600	optional	-	-	6500	12	21.0	-	-
215	CC100-25/Woda [3]	Woda	2x12,5	H2	2xC100	600	optional	-	-	6500	12	21.0	-	-
215	CC100-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xC100	600	optional	-	-	6500	12	22.0	(R)EI30	-
215	CC100-25/Ogień+	Ogień Plus	2x12,5	DF	2xC100	600	optional	-	-	6500	12	25.0	(R)EI30	-
215	CC100-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xC100	600	optional	-	-	6500	12	25.0	(R)EI30	-
215	CC100-25/Cicha	Cicha	2x12,5	DFH1IR	2xC100	600	optional	-	-	6500	12	30.0	(R)EI30	●
215	CC100-25/Twarda	Twarda	2x12,5	DEFH1IR	2xC100	600	optional	-	-	6500	12	30.0	(R)EI30	●
215	CC100-25/Hydro	Hydro	2x12,5	GMFH1I	2xC100	600	optional	-	-	6500	12	26.0	(R)EI30	●
215	CC100-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xC100	600	optional	-	-	6500	12	29.0	(R)EI60	-
215	CC100-30/Ogień+	Ogień Plus	2x15,0	DF	2xC100	600	optional	-	-	6500	12	32.0	(R)EI60	-
215	CC100-30/Twarda	Twarda	2x15,0	DEFH1IR	2xC100	600	optional	-	-	6500	12	35.0	(R)EI60	●
215	CC100-30/Hydro	Hydro	2x15,0	GMFH1I	2xC100	600	optional	-	-	6500	12	32.0	(R)EI60	●
217	CC100-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xC100	600	optional	-	-	6500	12	34.0	(R)EI60	-
217	CC100-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xC100	600	optional	-	-	6500	12	34.0	(R)EI60	-
217	CC100-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xC100	600	optional	-	-	6500	12	42.0	(R)EI60	●
217	CC100-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xC100	600	optional	-	-	6500	12	42.0	(R)EI60	●
217	CC100-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xC100	600	optional	-	-	6500	12	36.0	(R)EI60	●
217	CC100-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	2xC100	600	optional	-	-	6500	12	46.0	(R)EI120	-
217	CC100-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	2xC100	600	optional	-	-	6500	12	46.0	(R)EI120	-
219	CC100-50/Ogień+	Ogień Plus	4x12,5	DF	2xC100	600	optional	-	-	6500	12	45.0	(R)EI90	-
219	CC100-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xC100	600	optional	-	-	6500	12	45.0	(R)EI90	-
219	CC100-50/Cicha	Cicha	4x12,5	DFH1IR	2xC100	600	optional	-	-	6500	12	56.0	(R)EI90	●
219	CC100-50/Twarda	Twarda	4x12,5	DEFH1IR	2xC100	600	optional	-	-	6500	12	56.0	(R)EI90	●
219	CC100-50/Hydro	Hydro	4x12,5	GMFH1I	2xC100	600	optional	-	-	6500	12	48.0	(R)EI90	●
219	CC100-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xC100	600	optional	-	-	6500	12	53,0	(R)EI120	-
219	CC100-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xC100	600	optional	-	-	6500	12	62,0	(R)EI120	●
219	CC100-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xC100	600	optional	-	-	6500	12	54,0	(R)EI120	●
219	CC100-60/Ogień+	Ogień Plus	4x15,0	DF	2xC100	600	optional	-	-	6500	12	59.0	(R)EI120	-
219	CC100-60/Twarda	Twarda	4x15,0	DEFH1IR	2xC100	600	optional	-	-	6500	12	67.0	(R)EI120	●
219	CC100-60/Hydro	Hydro	4x15,0	GMFH1I	2xC100	600	optional	-	-	6500	12	59.0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Acoustic insulation: Rw [dB]	Acoustic insulation: Ra1 [dB]	Acoustic insulation: Ra2 [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR50 STRUCTURE																
221	UAR50-12,5/Expert	Expert	12,5	A	UAR50	600	glass / rock	50	12	3880	34	32	28	12,0	-	-
221	UAR50-12,5/Woda [3]	Woda	12,5	H2	UAR50	600	glass / rock	50	12	3880	34	32	28	12,0	-	-
221	UAR50-12,5/Ogień+	Ogień Plus	12,5	DF	UAR50	600	glass / rock	50	12	3880	36	34	30	14,0	(R)EI15	-
221	UAR50-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	UAR50	600	glass / rock	50	12	3880	36	34	30	14,0	(R)EI15	-
221	UAR50-12,5/Cicha	Cicha	12,5	DFH1IR	UAR50	600	glass / rock	50	12	3880	49 [6]	48	43	17,0	(R)EI15	●
221	UAR50-12,5/Twarda	Twarda	12,5	DEFH1IR	UAR50	600	glass / rock	50	12	3880	49 [6]	47	43	17,0	(R)EI15	●
221	UAR50-12,5/Hydro	Hydro	12,5	GMFH1I	UAR50	600	glass / rock	50	12	3880	36	34	30	15,0	(R)EI15	●
221	UAR50-18/Ogień+	Ogień Plus	18,0	DF	UAR50	600	glass / rock	50	12	3880	36	34	30	19,0	(R)EI30	-
223	UAR50-25/Expert	Expert	2x12,5	A	UAR50	600	glass / rock	50	12	4050	37	35	31	20,0	-	-
223	UAR50-25/Woda [3]	Woda	2x12,5	H2	UAR50	600	glass / rock	50	12	4050	37	35	31	20,0	-	-
223	UAR50-25/OgieńTypF	Ogień Typ F	2x12,5	F	UAR50	600	glass / rock	50	12	4050	37	35	31	21,0	(R)EI30	-
223	UAR50-25/Ogień+	Ogień Plus	2x12,5	DF	UAR50	600	glass / rock	50	12	4050	40	38	35	24,0	(R)EI30	-
223	UAR50-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	UAR50	600	glass / rock	50	12	4050	40	38	35	24,0	(R)EI30	-
223	UAR50-25/Cicha	Cicha	2x12,5	DFH1IR	UAR50	600	glass / rock	50	12	4050	50 [6]	49	47	30,0	(R)EI30	●
223	UAR50-25/Twarda	Twarda	2x12,5	DEFH1IR	UAR50	600	glass / rock	50	12	4050	50 [6]	49	46	30,0	(R)EI30	●
223	UAR50-25/Hydro	Hydro	2x12,5	GMFH1I	UAR50	600	glass / rock	50	12	4050	40	38	35	26,0	(R)EI30	●
223	UAR50-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	UAR50	600	glass / rock	50	12	4050	40	38	35	28,0	(R)EI60	-
223	UAR50-30/Ogień+	Ogień Plus	2x15	DF	UAR50	600	glass / rock	50	12	4050	41	40	37	31,0	(R)EI60	-
223	UAR50-30/Twarda	Twarda	2x15	DEFH1IR	UAR50	600	glass / rock	50	12	4050	49 [6]	48	46	35,0	(R)EI60	●
223	UAR50-30/Hydro	Hydro	2x15	GMFH1I	UAR50	600	glass / rock	50	12	4050	41	40	37	31,0	(R)EI60	●
225	UAR50-37,5/Ogień+	Ogień Plus	3x12,5	DF	UAR50	600	glass / rock	50	12	4050	41	40	37	34,0	(R)EI60	-
225	UAR50-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	UAR50	600	glass / rock	50	12	4050	41	40	37	34,0	(R)EI60	-
225	UAR50-37,5/Cicha	Cicha	3x12,5	DFH1IR	UAR50	600	glass / rock	50	12	4050	51 [6]	50	48	43,0	(R)EI60	●
225	UAR50-37,5/Twarda	Twarda	3x12,5	DEFH1IR	UAR50	600	glass / rock	50	12	4050	50 [6]	50	47	43,0	(R)EI60	●
225	UAR50-37,5/Hydro	Hydro	3x12,5	GMFH1I	UAR50	600	glass / rock	50	12	4050	41	40	37	37,0	(R)EI60	●
225	UAR50-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	UAR50	600	glass / rock	50	12	4050	41	40	37	45,0	(R)EI120	-
225	UAR50-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	UAR50	600	glass / rock	50	12	4050	41	40	37	45,0	(R)EI120	-
227	UAR50-50/Ogień+	Ogień Plus	4x12,5	DF	UAR50	600	glass / rock	50	14	4050	41	40	38	45,0	(R)EI90	-
227	UAR50-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	UAR50	600	glass / rock	50	14	4050	41	40	38	45,0	(R)EI90	-
227	UAR50-50/Cicha	Cicha	4x12,5	DFH1IR	UAR50	600	glass / rock	50	14	4050	51 [6]	51	49	56,0	(R)EI90	●
227	UAR50-50/Twarda	Twarda	4x12,5	DEFH1IR	UAR50	600	glass / rock	50	14	4050	51 [6]	50	48	56,0	(R)EI90	●
227	UAR50-50/Hydro	Hydro	4x12,5	GMFH1I	UAR50	600	glass / rock	50	14	4050	41	40	38	48,0	(R)EI90	●
227	UAR50-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	UAR50	600	glass / rock	50	14	4050	41	40	38	52,0	(R)EI120	-
227	UAR50-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	UAR50	600	glass / rock	50	14	4050	51 [6]	50	48	61,0	(R)EI120	●
227	UAR50-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	UAR50	600	glass / rock	50	14	4050	41	40	38	53,0	(R)EI120	●
227	UAR50-60/Ogień+	Ogień Plus	4x15,0	DF	UAR50	600	glass / rock	50	14	4050	42	41	39	59,0	(R)EI120	-
227	UAR50-60/Twarda	Twarda	4x15,0	DEFH1IR	UAR50	600	glass / rock	50	14	4050	51 [6]	50	48	66,0	(R)EI120	●
227	UAR50-60/Hydro	Hydro	4x15,0	GMFH1I	UAR50	600	glass / rock	50	14	4050	42	41	39	59,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[6] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Acoustic insulation: Rw [dB]	Acoustic insulation: Ra1 [dB]	Acoustic insulation: Ra2 [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR75 STRUCTURE																
229	UAR75-12,5/Expert	Expert	12,5	A	UAR75	600	glass / rock	50	12	5130	34	32	28	13,0	-	-
229	UAR75-12,5/Woda [3]	Woda	12,5	H2	UAR75	600	glass / rock	50	12	5130	34	32	28	13,0	-	-
229	UAR75-12,5/Ogień+	Ogień Plus	12,5	DF	UAR75	600	glass / rock	50	12	5130	36	34	30	15,0	(R)EI15	-
229	UAR75-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	UAR75	600	glass / rock	50	12	5130	36	34	30	15,0	(R)EI15	-
229	UAR75-12,5/Cicha	Cicha	12,5	DFH1IR	UAR75	600	glass / rock	75	12	5130	50 [6]	49	46	18,0	(R)EI15	●
229	UAR75-12,5/Twarda	Twarda	12,5	DEFH1IR	UAR75	600	glass / rock	75	12	5130	49 [6]	48	45	18,0	(R)EI15	●
229	UAR75-12,5/Hydro	Hydro	12,5	GMFH1I	UAR75	600	glass / rock	50	12	5130	36	34	30	16,0	(R)EI15	●
229	UAR75-18/Ogień+	Ogień Plus	18,0	DF	UAR75	600	glass / rock	50	12	5130	36	34	30	20,0	(R)EI30	-
231	UAR75-25/Expert	Expert	2x12,5	A	UAR75	600	glass / rock	50	12	5170	37	35	31	21,0	-	-
231	UAR75-25/Woda [3]	Woda	2x12,5	H2	UAR75	600	glass / rock	50	12	5170	37	35	31	21,0	-	-
231	UAR75-25/OgieńTypF	Ogień Typ F	2x12,5	F	UAR75	600	glass / rock	50	12	5170	37	35	31	22,0	(R)EI30	-
231	UAR75-25/Ogień+	Ogień Plus	2x12,5	DF	UAR75	600	glass / rock	50	12	5170	40	38	35	25,0	(R)EI30	-
231	UAR75-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	UAR75	600	glass / rock	50	12	5170	40	38	35	25,0	(R)EI30	-
231	UAR75-25/Cicha	Cicha	2x12,5	DFH1IR	UAR75	600	glass / rock	75	12	5170	50 [6]	50	48	31,0	(R)EI30	●
231	UAR75-25/Twarda	Twarda	2x12,5	DEFH1IR	UAR75	600	glass / rock	75	12	5170	50 [6]	49	47	31,0	(R)EI30	●
231	UAR75-25/Hydro	Hydro	2x12,5	GMFH1I	UAR75	600	glass / rock	50	12	5170	40	38	35	27,0	(R)EI30	●
231	UAR75-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	UAR75	600	glass / rock	50	12	5170	40	38	35	29,0	(R)EI60	-
231	UAR75-30/Ogień+	Ogień Plus	2x15	DF	UAR75	600	glass / rock	50	12	5170	41	40	37	32,0	(R)EI60	-
231	UAR75-30/Twarda	Twarda	2x15	DEFH1IR	UAR75	600	glass / rock	75	12	5170	49 [6]	49	47	36,0	(R)EI60	●
231	UAR75-30/Hydro	Hydro	2x15	GMFH1I	UAR75	600	glass / rock	50	12	5170	41	40	37	32,0	(R)EI60	●
233	UAR75-37,5/Ogień+	Ogień Plus	3x12,5	DF	UAR75	600	glass / rock	50	12	5170	41	40	37	35,0	(R)EI60	-
233	UAR75-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	UAR75	600	glass / rock	50	12	5170	41	40	37	35,0	(R)EI60	-
233	UAR75-37,5/Cicha	Cicha	3x12,5	DFH1IR	UAR75	600	glass / rock	75	12	5170	51 [6]	50	48	44,0	(R)EI60	●
233	UAR75-37,5/Twarda	Twarda	3x12,5	DEFH1IR	UAR75	600	glass / rock	75	12	5170	50 [6]	50	48	44,0	(R)EI60	●
233	UAR75-37,5/Hydro	Hydro	3x12,5	GMFH1I	UAR75	600	glass / rock	50	12	5170	41	40	37	38,0	(R)EI60	●
233	UAR75-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	UAR75	600	glass / rock	50	12	5170	41	40	37	46,0	(R)EI120	-
233	UAR75-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	UAR75	600	glass / rock	50	12	5170	41	40	37	46,0	(R)EI120	-
235	UAR75-50/Ogień+	Ogień Plus	4x12,5	DF	UAR75	600	glass / rock	75	14	5170	43	41	38	46,0	(R)EI90	-
235	UAR75-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	UAR75	600	glass / rock	75	14	5170	43	41	38	46,0	(R)EI90	-
235	UAR75-50/Cicha	Cicha	4x12,5	DFH1IR	UAR75	600	glass / rock	75	14	5170	51 [6]	51	49	57,0	(R)EI90	●
235	UAR75-50/Twarda	Twarda	4x12,5	DEFH1IR	UAR75	600	glass / rock	75	14	5170	51 [6]	50	48	57,0	(R)EI90	●
235	UAR75-50/Hydro	Hydro	4x12,5	GMFH1I	UAR75	600	glass / rock	75	14	5170	43	41	38	49,0	(R)EI90	●
235	UAR75-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	UAR75	600	glass / rock	75	14	5170	43	41	38	53,0	(R)EI120	-
235	UAR75-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	UAR75	600	glass / rock	75	14	5170	51 [6]	50	48	63,0	(R)EI120	●
235	UAR75-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	UAR75	600	glass / rock	75	14	5170	43	41	38	55,0	(R)EI120	●
235	UAR75-60/Ogień+	Ogień Plus	4x15,0	DF	UAR75	600	glass / rock	75	14	5170	44	42	40	60,0	(R)EI120	-
235	UAR75-60/Twarda	Twarda	4x15,0	DEFH1IR	UAR75	600	glass / rock	75	14	5170	51 [6]	50	48	68,0	(R)EI120	●
235	UAR75-60/Hydro	Hydro	4x15,0	GMFH1I	UAR75	600	glass / rock	75	14	5170	44	42	40	60,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[6] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Acoustic insulation: Rw [dB]	Acoustic insulation: Ra1 [dB]	Acoustic insulation: Ra2 [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR100 STRUCTURE																
237	UAR100-12,5/Expert	Expert	12,5	A	UAR100	600	glass / rock	50	12	6250	34	32	28	14,0	-	-
237	UAR100-12,5/Woda [3]	Woda	12,5	H2	UAR100	600	glass / rock	50	12	6250	34	32	28	14,0	-	-
237	UAR100-12,5/Ogień+	Ogień Plus	12,5	DF	UAR100	600	glass / rock	50	12	6250	36	34	30	16,0	(R)EI15	-
237	UAR100-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	UAR100	600	glass / rock	50	12	6250	36	34	30	16,0	(R)EI15	-
237	UAR100-12,5/Cicha	Cicha	12,5	DFH1IR	UAR100	600	glass / rock	100	12	6250	50 [6]	49	47	19,0	(R)EI15	●
237	UAR100-12,5/Twarda	Twarda	12,5	DEFH1IR	UAR100	600	glass / rock	100	12	6250	49 [6]	49	46	19,0	(R)EI15	●
237	UAR100-12,5/Hydro	Hydro	12,5	GMFH1I	UAR100	600	glass / rock	50	12	6250	36	34	30	16,0	(R)EI15	●
237	UAR100-18/Ogień+	Ogień Plus	18,0	DF	UAR100	600	glass / rock	50	12	6250	36	34	30	21,0	(R)EI30	-
239	UAR100-25/Expert	Expert	2x12,5	A	UAR100	600	glass / rock	50	12	6170	37	35	31	22,0	-	-
239	UAR100-25/Woda [3]	Woda	2x12,5	H2	UAR100	600	glass / rock	50	12	6170	37	35	31	22,0	-	-
239	UAR100-25/OgieńTypF	Ogień Typ F	2x12,5	F	UAR100	600	glass / rock	50	12	6170	37	35	31	23,0	(R)EI30	-
239	UAR100-25/Ogień+	Ogień Plus	2x12,5	DF	UAR100	600	glass / rock	50	12	6170	40	38	35	26,0	(R)EI30	-
239	UAR100-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	UAR100	600	glass / rock	50	12	6170	40	38	35	26,0	(R)EI30	-
239	UAR100-25/Cicha	Cicha	2x12,5	DFH1IR	UAR100	600	glass / rock	100	12	6170	50 [6]	50	48	32,0	(R)EI30	●
239	UAR100-25/Twarda	Twarda	2x12,5	DEFH1IR	UAR100	600	glass / rock	100	12	6170	50 [6]	49	47	32,0	(R)EI30	●
239	UAR100-25/Hydro	Hydro	2x12,5	GMFH1I	UAR100	600	glass / rock	50	12	6170	40	38	35	27,0	(R)EI30	●
239	UAR100-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	UAR100	600	glass / rock	50	12	6170	40	38	35	29,0	(R)EI60	-
239	UAR100-30/Ogień+	Ogień Plus	2x15	DF	UAR100	600	glass / rock	50	12	6170	41	40	37	33,0	(R)EI60	-
239	UAR100-30/Twarda	Twarda	2x15	DEFH1IR	UAR100	600	glass / rock	100	12	6170	49 [6]	49	47	37,0	(R)EI60	●
239	UAR100-30/Hydro	Hydro	2x15	GMFH1I	UAR100	600	glass / rock	50	12	6170	41	40	37	33,0	(R)EI60	●
241	UAR100-37,5/Ogień+	Ogień Plus	3x12,5	DF	UAR100	600	glass / rock	100	12	6170	45	44	39	36,0	(R)EI60	-
241	UAR100-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	UAR100	600	glass / rock	100	12	6170	45	44	39	36,0	(R)EI60	-
241	UAR100-37,5/Cicha	Cicha	3x12,5	DFH1IR	UAR100	600	glass / rock	100	12	6170	51 [6]	50	48	45,0	(R)EI60	●
241	UAR100-37,5/Twarda	Twarda	3x12,5	DEFH1IR	UAR100	600	glass / rock	100	12	6170	50 [6]	50	48	45,0	(R)EI60	●
241	UAR100-37,5/Hydro	Hydro	3x12,5	GMFH1I	UAR100	600	glass / rock	100	12	6170	45	44	39	39,0	(R)EI60	●
241	UAR100-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	UAR100	600	glass / rock	100	12	6170	45	44	39	46,0	(R)EI120	-
241	UAR100-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	UAR100	600	glass / rock	100	12	6170	45	44	39	46,0	(R)EI120	-
243	UAR100-50/Ogień+	Ogień Plus	4x12,5	DF	UAR100	600	glass / rock	100	14	6170	44	42	39	46,0	(R)EI90	-
243	UAR100-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	UAR100	600	glass / rock	100	14	6170	44	42	39	46,0	(R)EI90	-
243	UAR100-50/Cicha	Cicha	4x12,5	DFH1IR	UAR100	600	glass / rock	100	14	6170	51 [6]	51	49	57,0	(R)EI90	●
243	UAR100-50/Twarda	Twarda	4x12,5	DEFH1IR	UAR100	600	glass / rock	100	14	6170	51 [6]	50	49	57,0	(R)EI90	●
243	UAR100-50/Hydro	Hydro	4x12,5	GMFH1I	UAR100	600	glass / rock	100	14	6170	44	42	39	49,0	(R)EI90	●
243	UAR100-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	UAR100	600	glass / rock	100	14	6170	44	42	39	53,0	(R)EI120	-
243	UAR100-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	UAR100	600	glass / rock	100	14	6170	51 [6]	50	49	63,0	(R)EI120	●
243	UAR100-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	UAR100	600	glass / rock	100	14	6170	44	42	39	55,0	(R)EI120	●
243	UAR100-60/Ogień+	Ogień Plus	4x15,0	DF	UAR100	600	glass / rock	100	14	6170	45	44	40	60,0	(R)EI120	-
243	UAR100-60/Twarda	Twarda	4x15,0	DEFH1IR	UAR100	600	glass / rock	100	14	6170	51 [6]	50	49	68,0	(R)EI120	●
243	UAR100-60/Hydro	Hydro	4x15,0	GMFH1I	UAR100	600	glass / rock	100	14	6170	45	44	40	60,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[6] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Acoustic insulation: Rw [dB]	Acoustic insulation: Ra1 [dB]	Acoustic insulation: Ra2 [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR50 STRUCTURE																
245	UARUAR50-12,5/Expert	Expert	12,5	A	2xUAR50	600	optional	-	-	5000	-	-	-	15,0	-	-
245	UARUAR50-12,5/Woda [3]	Woda	12,5	H2	2xUAR50	600	optional	-	-	5000	-	-	-	15,0	-	-
245	UARUAR50-12,5/Ogień+	Ogień Plus	12,5	DF	2xUAR50	600	optional	-	-	5000	-	-	-	17,0	(R)EI15	-
245	UARUAR50-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xUAR50	600	optional	-	-	5000	-	-	-	17,0	(R)EI15	-
245	UARUAR50-12,5/Cicha	Cicha	12,5	DFH1IR	2xUAR50	600	optional	-	-	5000	-	-	-	20,0	(R)EI15	●
245	UARUAR50-12,5/Twarda	Twarda	12,5	DEFH1IR	2xUAR50	600	optional	-	-	5000	-	-	-	20,0	(R)EI15	●
245	UARUAR50-12,5/Hydro	Hydro	12,5	GMFH1I	2xUAR50	600	optional	-	-	5000	-	-	-	18,0	(R)EI15	●
245	UARUAR50-18/Ogień+	Ogień Plus	18,0	DF	2xUAR50	600	optional	-	-	5000	-	-	-	22,0	(R)EI30	-
247	UARUAR50-25/Expert	Expert	2x12,5	A	2xUAR50	600	optional	-	-	5310	-	-	-	23,0	-	-
247	UARUAR50-25/Woda [3]	Woda	2x12,5	H2	2xUAR50	600	optional	-	-	5310	-	-	-	23,0	-	-
247	UARUAR50-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xUAR50	600	optional	-	-	5310	-	-	-	25,0	(R)EI30	-
247	UARUAR50-25/Ogień+	Ogień Plus	2x12,5	DF	2xUAR50	600	optional	-	-	5310	-	-	-	27,0	(R)EI30	-
247	UARUAR50-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xUAR50	600	optional	-	-	5310	-	-	-	27,0	(R)EI30	-
247	UARUAR50-25/Cicha	Cicha	2x12,5	DFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	33,0	(R)EI30	●
247	UARUAR50-25/Twarda	Twarda	2x12,5	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	33,0	(R)EI30	●
247	UARUAR50-25/Hydro	Hydro	2x12,5	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	29,0	(R)EI30	●
247	UARUAR50-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xUAR50	600	optional	-	-	5310	-	-	-	31,0	(R)EI60	-
247	UARUAR50-30/Ogień+	Ogień Plus	2x15	DF	2xUAR50	600	optional	-	-	5310	-	-	-	34,0	(R)EI60	-
247	UARUAR50-30/Twarda	Twarda	2x15	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	38,0	(R)EI60	●
247	UARUAR50-30/Hydro	Hydro	2x15	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	34,0	(R)EI60	●
249	UARUAR50-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xUAR50	600	optional	-	-	5310	-	-	-	38,0	(R)EI60	-
249	UARUAR50-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xUAR50	600	optional	-	-	5310	-	-	-	38,0	(R)EI60	-
249	UARUAR50-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	46,0	(R)EI60	●
249	UARUAR50-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	46,0	(R)EI60	●
249	UARUAR50-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	40,0	(R)EI60	●
249	UARUAR50-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	2xUAR50	600	optional	-	-	5310	-	-	-	48,0	(R)EI120	-
249	UARUAR50-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	2xUAR50	600	optional	-	-	5310	-	-	-	48,0	(R)EI120	-
251	UARUAR50-50/Ogień+	Ogień Plus	4x12,5	DF	2xUAR50	600	optional	-	-	5310	-	-	-	48,0	(R)EI90	-
251	UARUAR50-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xUAR50	600	optional	-	-	5310	-	-	-	48,0	(R)EI90	-
251	UARUAR50-50/Cicha	Cicha	4x12,5	DFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	59,0	(R)EI90	●
251	UARUAR50-50/Twarda	Twarda	4x12,5	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	59,0	(R)EI90	●
251	UARUAR50-50/Hydro	Hydro	4x12,5	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	51,0	(R)EI90	●
251	UARUAR50-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xUAR50	600	optional	-	-	5310	-	-	-	55,0	(R)EI120	-
251	UARUAR50-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	64,0	(R)EI120	●
251	UARUAR50-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	56,0	(R)EI120	●
251	UARUAR50-60/Ogień+	Ogień Plus	4x15,0	DF	2xUAR50	600	optional	-	-	5310	-	-	-	62,0	(R)EI120	-
251	UARUAR50-60/Twarda	Twarda	4x15,0	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	69,0	(R)EI120	●
251	UARUAR50-60/Hydro	Hydro	4x15,0	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	62,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification ITB 01060.1/18/R130NZP.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Acoustic insulation: Rw [dB]	Acoustic insulation: Ra1 [dB]	Acoustic insulation: Ra2 [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR75 STRUCTURE																
253	UARUAR75-12,5/Expert	Expert	12,5	A	2xUAR75	600	optional	-	-	6590	-	-	-	17,0	-	-
253	UARUAR75-12,5/Woda [3]	Woda	12,5	H2	2xUAR75	600	optional	-	-	6590	-	-	-	17,0	-	-
253	UARUAR75-12,5/Ogień+	Ogień Plus	12,5	DF	2xUAR75	600	optional	-	-	6500	-	-	-	19,0	(R)EI15	-
253	UARUAR75-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	19,0	(R)EI15	-
253	UARUAR75-12,5/Cicha	Cicha	12,5	DFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	21,0	(R)EI15	●
253	UARUAR75-12,5/Twarda	Twarda	12,5	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	21,0	(R)EI15	●
253	UARUAR75-12,5/Hydro	Hydro	12,5	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	19,0	(R)EI15	●
253	UARUAR75-18/Ogień+	Ogień Plus	18,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	23,0	(R)EI30	-
255	UARUAR75-25/Expert	Expert	2x12,5	A	2xUAR75	600	optional	-	-	6760	-	-	-	25,0	-	-
255	UARUAR75-25/Woda [3]	Woda	2x12,5	H2	2xUAR75	600	optional	-	-	6760	-	-	-	25,0	-	-
255	UARUAR75-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xUAR75	600	optional	-	-	6500	-	-	-	26,0	(R)EI30	-
255	UARUAR75-25/Ogień+	Ogień Plus	2x12,5	DF	2xUAR75	600	optional	-	-	6500	-	-	-	29,0	(R)EI30	-
255	UARUAR75-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	29,0	(R)EI30	-
255	UARUAR75-25/Cicha	Cicha	2x12,5	DFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	34,0	(R)EI30	●
255	UARUAR75-25/Twarda	Twarda	2x12,5	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	34,0	(R)EI30	●
255	UARUAR75-25/Hydro	Hydro	2x12,5	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	31,0	(R)EI30	●
255	UARUAR75-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	33,0	(R)EI60	-
255	UARUAR75-30/Ogień+	Ogień Plus	2x15	DF	2xUAR75	600	optional	-	-	6500	-	-	-	36,0	(R)EI60	-
255	UARUAR75-30/Twarda	Twarda	2x15	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	40,0	(R)EI60	●
255	UARUAR75-30/Hydro	Hydro	2x15	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	36,0	(R)EI60	●
257	UARUAR75-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xUAR75	600	optional	-	-	6500	-	-	-	39,0	(R)EI60	-
257	UARUAR75-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	39,0	(R)EI60	-
257	UARUAR75-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	47,0	(R)EI60	●
257	UARUAR75-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	47,0	(R)EI60	●
257	UARUAR75-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	41,0	(R)EI60	●
257	UARUAR75-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	49,0	(R)EI120	-
257	UARUAR75-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	49,0	(R)EI120	-
259	UARUAR75-50/Ogień+	Ogień Plus	4x12,5	DF	2xUAR75	600	optional	-	-	6500	-	-	-	49,0	(R)EI90	-
259	UARUAR75-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	49,0	(R)EI90	-
259	UARUAR75-50/Cicha	Cicha	4x12,5	DFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	60,0	(R)EI90	●
259	UARUAR75-50/Twarda	Twarda	4x12,5	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	60,0	(R)EI90	●
259	UARUAR75-50/Hydro	Hydro	4x12,5	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	52,0	(R)EI90	●
259	UARUAR75-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	56,0	(R)EI120	-
259	UARUAR75-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	65,0	(R)EI120	●
259	UARUAR75-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	58,0	(R)EI120	●
259	UARUAR75-60/Ogień+	Ogień Plus	4x15,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	63,0	(R)EI120	-
259	UARUAR75-60/Twarda	Twarda	4x15,0	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	71,0	(R)EI120	●
259	UARUAR75-60/Hydro	Hydro	4x15,0	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	63,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification ITB 01060.1/18/R130NZP.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

Page	Nida Tynk system name [2]	Plasterboard sheathing: Nida	Plasterboard sheathing: Thickness [mm]	Plasterboard sheathing: Marking acc. to standard	Load-bearing structure: Type of Nida profile	Load-bearing structure: Axial spacing between Nida profiles [mm]	Insulation material: Within the range of the acoustic insulation: Mineral wool	Insulation material: Within the range of the acoustic insulation: Thickness [mm]	Insulation material: Within the range of the acoustic insulation: Density [kg/m³]	Maximum height [1] [mm]	Acoustic insulation: Rw [dB]	Acoustic insulation: Ra1 [dB]	Acoustic insulation: Ra2 [dB]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR100 STRUCTURE																
261	UARUAR100-12,5/Expert	Expert	12,5	A	2xUAR100	600	optional	-	-	8310	-	-	-	18,0	-	-
261	UARUAR100-12,5/Woda [3]	Woda	12,5	H2	2xUAR100	600	optional	-	-	8310	-	-	-	18,0	-	-
261	UARUAR100-12,5/Ogień+	Ogień Plus	12,5	DF	2xUAR100	600	optional	-	-	6500	-	-	-	20,0	(R)EI15	-
261	UARUAR100-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	20,0	(R)EI15	-
261	UARUAR100-12,5/Cicha	Cicha	12,5	DFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	23,0	(R)EI15	●
261	UARUAR100-12,5/Twarda	Twarda	12,5	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	23,0	(R)EI15	●
261	UARUAR100-12,5/Hydro	Hydro	12,5	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	21,0	(R)EI15	●
261	UARUAR100-18/Ogień+	Ogień Plus	18,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	25,0	(R)EI30	-
263	UARUAR100-25/Expert	Expert	2x12,5	A	2xUAR100	600	optional	-	-	8420	-	-	-	26,0	-	-
263	UARUAR100-25/Woda [3]	Woda	2x12,5	H2	2xUAR100	600	optional	-	-	8420	-	-	-	26,0	-	-
263	UARUAR100-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xUAR100	600	optional	-	-	6500	-	-	-	27,0	(R)EI30	-
263	UARUAR100-25/Ogień+	Ogień Plus	2x12,5	DF	2xUAR100	600	optional	-	-	6500	-	-	-	30,0	(R)EI30	-
263	UARUAR100-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	30,0	(R)EI30	-
263	UARUAR100-25/Cicha	Cicha	2x12,5	DFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	36,0	(R)EI30	●
263	UARUAR100-25/Twarda	Twarda	2x12,5	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	36,0	(R)EI30	●
263	UARUAR100-25/Hydro	Hydro	2x12,5	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	32,0	(R)EI30	●
263	UARUAR100-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	34,0	(R)EI60	-
263	UARUAR100-30/Ogień+	Ogień Plus	2x15	DF	2xUAR100	600	optional	-	-	6500	-	-	-	37,0	(R)EI60	-
263	UARUAR100-30/Twarda	Twarda	2x15	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	41,0	(R)EI60	●
263	UARUAR100-30/Hydro	Hydro	2x15	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	37,0	(R)EI60	●
265	UARUAR100-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xUAR100	600	optional	-	-	6500	-	-	-	40,0	(R)EI60	-
265	UARUAR100-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	40,0	(R)EI60	-
265	UARUAR100-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	49,0	(R)EI60	●
265	UARUAR100-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	49,0	(R)EI60	●
265	UARUAR100-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	43,0	(R)EI60	●
265	UARUAR100-45/Ogień+ [5]	Ogień Plus	3x15,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	51,0	(R)EI120	-
265	UARUAR100-45/WodaOgień+ [5]	Woda Ogień Plus	3x15,0	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	51,0	(R)EI120	-
267	UARUAR100-50/Ogień+	Ogień Plus	4x12,5	DF	2xUAR100	600	optional	-	-	6500	-	-	-	50,0	(R)EI90	-
267	UARUAR100-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	50,0	(R)EI90	-
267	UARUAR100-50/Cicha	Cicha	4x12,5	DFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	61,0	(R)EI90	●
267	UARUAR100-50/Twarda	Twarda	4x12,5	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	61,0	(R)EI90	●
267	UARUAR100-50/Hydro	Hydro	4x12,5	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	53,0	(R)EI90	●
267	UARUAR100-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	57,0	(R)EI120	-
267	UARUAR100-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	67,0	(R)EI120	●
267	UARUAR100-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	59,0	(R)EI120	●
267	UARUAR100-60/Ogień+	Ogień Plus	4x15,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	64,0	(R)EI120	-
267	UARUAR100-60/Twarda	Twarda	4x15,0	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	72,0	(R)EI120	●
267	UARUAR100-60/Hydro	Hydro	4x15,0	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	64,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification ITB 01060.1/18/R130NZP.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

Page	Nida Tynk system name [4]	Plasterboard sheathing: Nida	Thickness [mm]	Marking acc. to standard	The minimal range with sheathing in relation to the height [1]	The maximal range without sheathing in relation to the height [1]	Load-bearing structure: Nida LS type stabilising fastener	Spacing of the Nida C50 profiles [mm]	Insulation material	Maximum height [2]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING SUPPORTED ON THE NIDA C50 STRUCTURE WITH THE NIDA LS STABILISING CONNECTORS													
271	C50/LS-12,5/Expert	Expert	12,5	A	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	12,0	-	-
271	C50/LS-12,5/Woda [3]	Woda	12,5	H2	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	12,0	-	-
271	C50/LS-12,5/Twarda	Twarda	12,5	DEFH1IR	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	17,0	-	●
271	C50/LS-12,5/Hydro	Hydro	12,5	GMFH1I	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	15,0	-	●
271	C50/LS-15/Twarda	Twarda	15,0	DEFH1IR	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	19,0	-	●
271	C50/LS-15/Hydro	Hydro	15,0	GMFH1I	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	17,0	-	●
271	C50/LS-18/Ogień+	Ogień Plus	18,0	DF	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	18,0	-	-
273	C50/LS-25/Expert	Expert	2x12,5	A	[3/4]	[1/4]	Nida LS50	600	glass / rock	3360	20,0	-	-
273	C50/LS-25/Woda [3]	Woda	2x12,5	H2	[3/4]	[1/4]	Nida LS50	600	glass / rock	3360	20,0	-	-
273	C50/LS-25/Twarda	Twarda	2x12,5	DEFH1IR	[3/4]	[1/4]	Nida LS50	600	glass / rock	3360	29,0	-	●
273	C50/LS-25/Hydro	Hydro	2x12,5	GMFH1I	[3/4]	[1/4]	Nida LS50	600	glass / rock	3360	25,0	-	●

[1] The research works concerning the partition systems with utilisation of the Nida LS stabilising fastener: ITB 1060/12/R42NK.
[2] Technical opinion ITB 1060/12/R33NK. (For any higher requirements related to the maximum height, the spacing of the load-bearing structure elements should be lowered and/or the load-bearing structure should be doubled).
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] European Technical Assessment ETA 15/0301.

Page	Nida Tynk system name [4]	Plasterboard sheathing: Nida	Thickness [mm]	Marking acc. to standard	The minimal range with sheathing in relation to the height [1]	The maximal range without sheathing in relation to the height [1]	Load-bearing structure: Nida LS type stabilising fastener	Spacing of the Nida C75 profiles [mm]	Insulation material	Maximum height [2]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING SUPPORTED ON THE NIDA C75 STRUCTURE WITH THE NIDA LS STABILISING CONNECTORS													
275	C75/LS-12,5/Expert	Expert	12,5	A	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	12,0	-	-
275	C75/LS-12,5/Woda [3]	Woda	12,5	H2	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	12,0	-	-
275	C75/LS-12,5/Twarda	Twarda	12,5	DEFH1IR	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	17,0	-	●
275	C75/LS-12,5/Hydro	Hydro	12,5	GMFH1I	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	15,0	-	●
275	C75/LS-15/Twarda	Twarda	15,0	DEFH1IR	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	19,0	-	●
275	C75/LS-15/Hydro	Hydro	15,0	GMFH1I	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	17,0	-	●
275	C75/LS-18/Ogień+	Ogień Plus	18,0	DF	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	18,0	-	-
277	C75/LS-25/Expert	Expert	2x12,5	A	[3/4]	[1/4]	Nida LS75	600	glass / rock	4330	20,0	-	-
277	C75/LS-25/Woda [3]	Woda	2x12,5	H2	[3/4]	[1/4]	Nida LS75	600	glass / rock	4330	20,0	-	-
277	C75/LS-25/Twarda	Twarda	2x12,5	DEFH1IR	[3/4]	[1/4]	Nida LS75	600	glass / rock	4330	29,0	-	●
277	C75/LS-25/Hydro	Hydro	2x12,5	GMFH1I	[3/4]	[1/4]	Nida LS75	600	glass / rock	4330	25,0	-	●

[1] The research works concerning the partition systems with utilisation of the Nida LS stabilising fastener: ITB 1060/12/R42NK.
[2] Technical opinion ITB 1060/12/R33NK. (For any higher requirements related to the maximum height, the spacing of the load-bearing structure elements should be lowered and/or the load-bearing structure should be doubled).
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] European Technical Assessment ETA 15/0301.

Page	Nida Tynk system name [4]	Plasterboard sheathing: Nida	Thickness [mm]	Marking acc. to standard	The minimal range with sheathing in relation to the height [1]	The maximal range without sheathing in relation to the height [1]	Load-bearing structure: Nida LS type stabilising fastener	Spacing of the Nida C100 profiles [mm]	Insulation material	Maximum height [2]	Weight of 1m² of encasement [kg]	Fire resistance class [min]	Special system
THE SYSTEM OF INDEPENDENT WALL CLADDING SUPPORTED ON THE NIDA C100 STRUCTURE WITH THE NIDA LS STABILISING CONNECTORS													
279	C100/LS-12,5/Expert	Expert	12,5	A	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	13,0	-	-
279	C100/LS-12,5/Woda [3]	Woda	12,5	H2	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	13,0	-	-
279	C100/LS-12,5/ Twarda	Twarda	12,5	DEFH1IR	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	18,0	-	●
279	C100/LS-12,5/Hydro	Hydro	12,5	GMFH1I	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	16,0	-	●
279	C100/LS-15/Twarda	Twarda	15,0	DEFH1IR	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	20,0	-	●
279	C100/LS-15/Hydro	Hydro	15,0	GMFH1I	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	18,0	-	●
279	C100/LS-18/Ogień+	Ogień Plus	18,0	DF	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	19,0	-	-
281	C100/LS-25/Expert	Expert	2x12,5	A	[3/4]	[1/4]	Nida LS100	600	glass / rock	5010	21,0	-	-
281	C100/LS-25/Woda [3]	Woda	2x12,5	H2	[3/4]	[1/4]	Nida LS100	600	glass / rock	5010	21,0	-	-
281	C100/LS-25/Twarda	Twarda	2x12,5	DEFH1IR	[3/4]	[1/4]	Nida LS100	600	glass / rock	5010	30,0	-	●
281	C100/LS-25/Hydro	Hydro	2x12,5	GMFH1I	[3/4]	[1/4]	Nida LS100	600	glass / rock	5010	26,0	-	●

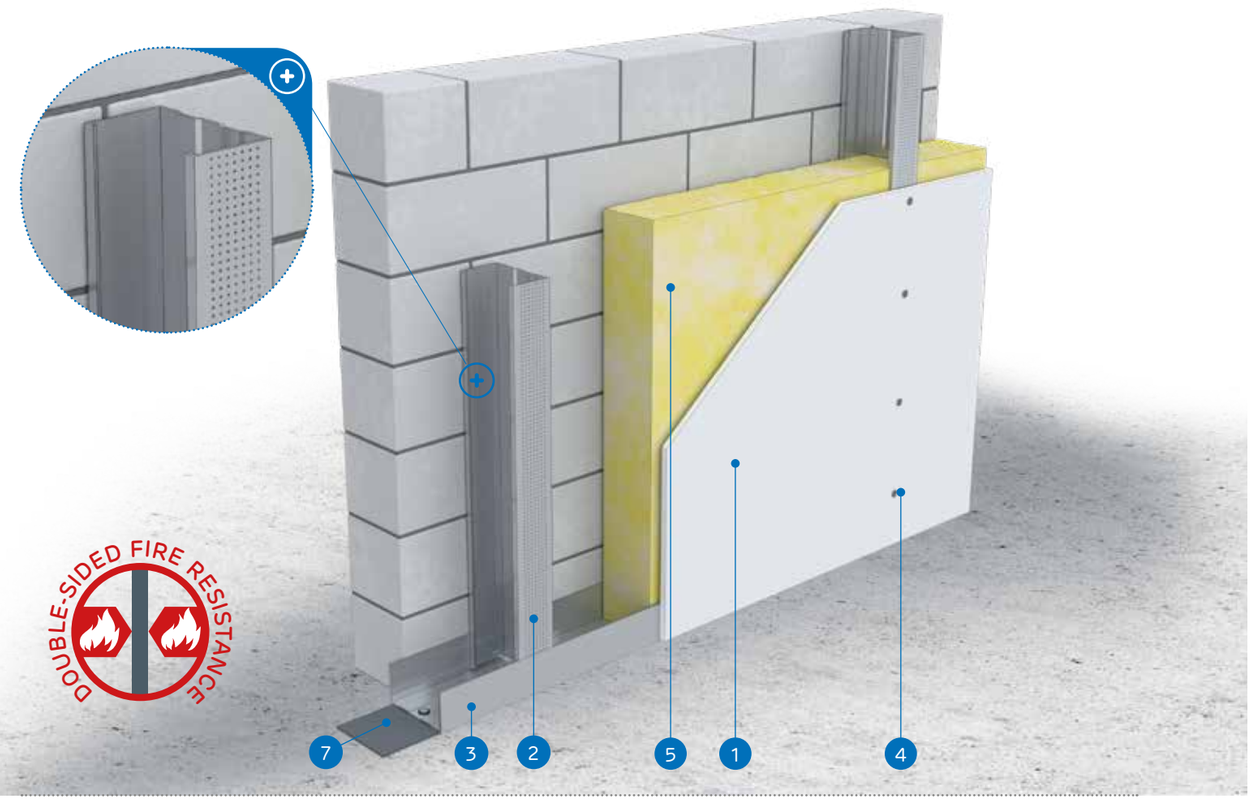
[1] The research works concerning the partition systems with utilisation of the Nida LS stabilising fastener: ITB 1060/12/R42NK.
[2] Technical opinion ITB 1060/12/R33NK. (For any higher requirements related to the maximum height, the spacing of the load-bearing structure elements should be lowered and/or the load-bearing structure should be doubled).
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] European Technical Assessment ETA 15/0301.

nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15 (R)EI30	49 dB	3000 mm	11,0-17,0 kg	ETA 15/0301

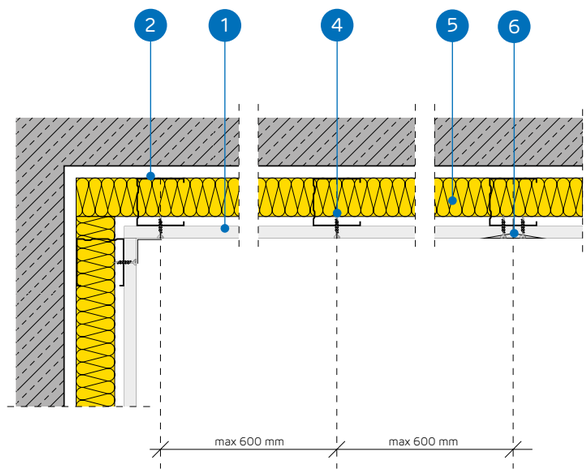
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C50-12,5; C50-18



MATERIALS:

1. Nida plasterboard
2. Nida C50 profile
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Insulation material mineral wool
6. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
7. Sealing tape for Nida acoustic insulation



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C50-12,5/Expert	Expert	12,5	A	C50	600	glass / rock	50	12	2800	34	32	28	11.0	-	-
C50-12,5/Woda [3]	Woda	12,5	H2	C50	600	glass / rock	50	12	2800	34	32	28	11.0	-	-
C50-12,5/Ogień+	Ogień Plus	12,5	DF	C50	600	glass / rock	50	12	3000	36	34	30	13.0	(R)EI15	-
C50-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	C50	600	glass / rock	50	12	3000	36	34	30	13.0	(R)EI15	-
C50-12,5/Cicha	Cicha	12,5	DFH1IR	C50	600	glass / rock	50	12	3000	49 [4]	48	43	16.0	(R)EI15	●
C50-12,5/Twarda	Twarda	12,5	DEFH1IR	C50	600	glass / rock	50	12	3000	49 [4]	47	43	16.0	(R)EI15	●
C50-12,5/Hydro	Hydro	12,5	GMFH1I	C50	600	glass / rock	50	12	3000	36	34	30	14.0	(R)EI15	●
C50-18/Ogień+	Ogień Plus	18,0	DF	C50	600	glass / rock	50	12	3000	36	34	30	17.0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		C50-12,5/ Expert	C50-12,5/ Woda	C50-12,5/ Ogień+	C50-12,5/ WodaOgień+	C50-12,5/ Cicha	C50-12,5/ Twarda	C50-12,5/ Hydro	C50-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard.	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
Nida C50 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Anchoring element [5]	pcs.	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.3	0.3	0.3	0.3	0.3	-	-	0.3
Nida Finish gypsum putty	kg	0.1	0.1	0.1	0.1	0.1	-	-	0.1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	0.4	0.4	-
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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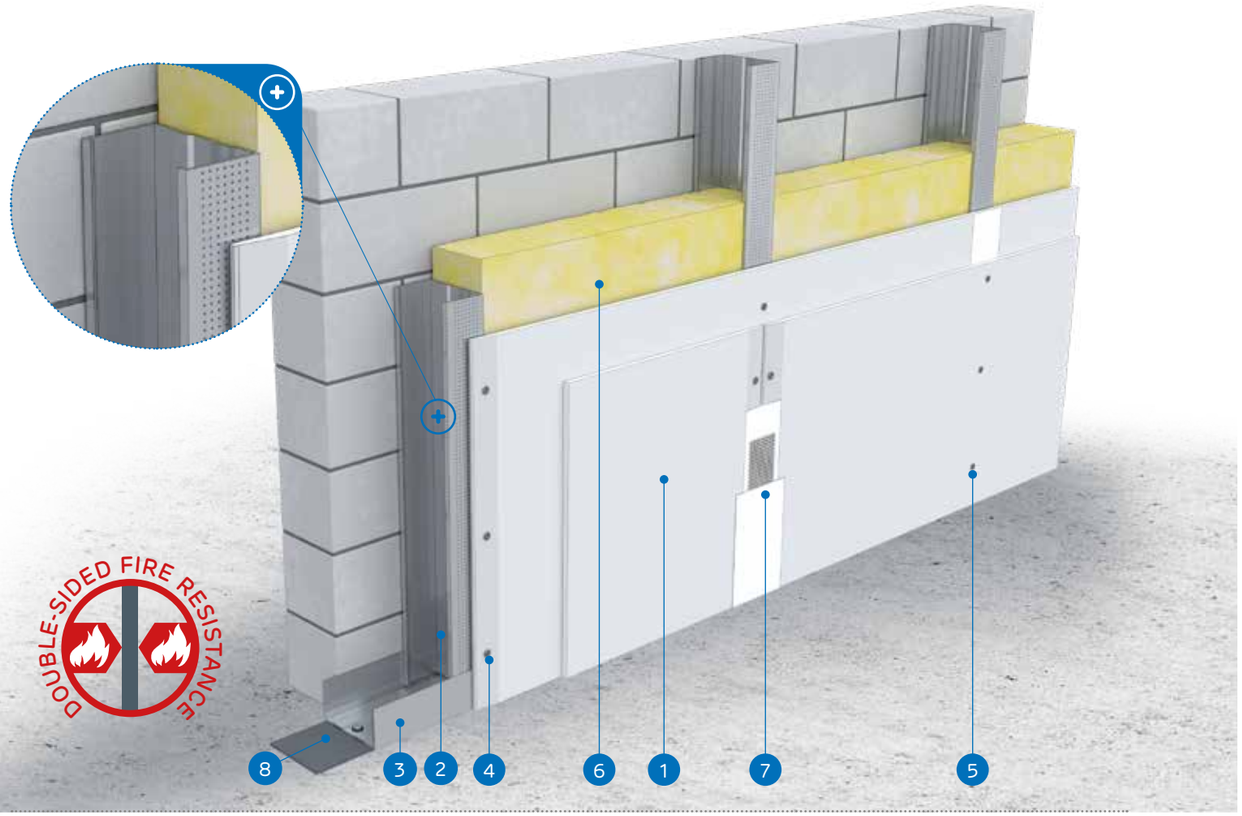
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	50 dB	3000 mm	19,0-33,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

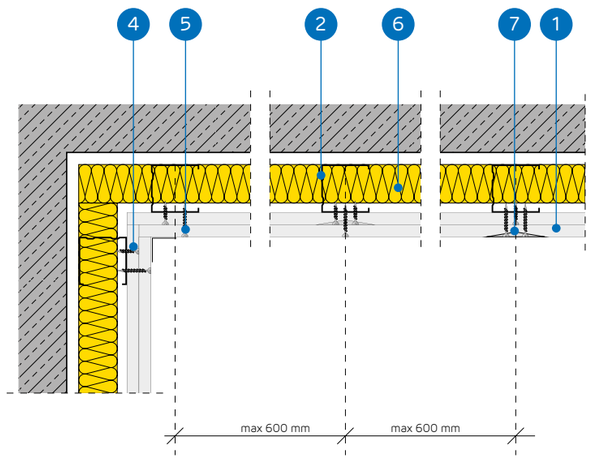
SYSTEMS:

C50-25; C50-27,5; C50-30



MATERIALS:

1. Nida plasterboard
2. Nida C50 profile
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Insulation material mineral wool
7. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
8. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C50-25/Expert	Expert	2x12,5	A	C50	600	glass / rock	50	12	3000	37	35	31	19.0	-	-
C50-25/Woda [3]	Woda	2x12,5	H2	C50	600	glass / rock	50	12	3000	37	35	31	19.0	-	-
C50-25/OgieńTypF	Ogień Typ F	2x12,5	F	C50	600	glass / rock	50	12	3000	37	35	31	20.0	(R)EI30	-
C50-25/Ogień+	Ogień Plus	2x12,5	DF	C50	600	glass / rock	50	12	3000	40	38	35	23.0	(R)EI30	-
C50-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	C50	600	glass / rock	50	12	3000	40	38	35	23.0	(R)EI30	-
C50-25/Cicha	Cicha	2x12,5	DFH1IR	C50	600	glass / rock	50	12	3000	50 [5]	49	47	28.0	(R)EI30	●
C50-25/Twarda	Twarda	2x12,5	DEFH1IR	C50	600	glass / rock	50	12	3000	50 [5]	49	46	28.0	(R)EI30	●
C50-25/Hydro	Hydro	2x12,5	GMFH1I	C50	600	glass / rock	50	12	3000	40	38	35	24.0	(R)EI30	●
C50-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	C50	600	glass / rock	50	12	3000	40	38	35	27.0	(R)EI60	-
C50-30/Ogień+	Ogień Plus	2x15,0	DF	C50	600	glass / rock	50	12	3000	41	40	37	30.0	(R)EI60	-
C50-30/Twarda	Twarda	2x15,0	DEFH1IR	C50	600	glass / rock	50	12	3000	49 [5]	48	46	33.0	(R)EI60	●
C50-30/Hydro	Hydro	2x15,0	GMFH1I	C50	600	glass / rock	50	12	3000	41	40	37	30.0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		C50-25/ Expert	C50-25/ Woda	C50-25/ OgieńTypF	C50-25/ Ogień+	C50-25/ WodaOgień+	C50-25/ Cicha	C50-25/ Twarda	C50-25/ Hydro	C50-27,5/ Ogień+	C50-30/ Ogień+	C50-30/ Twarda	C50-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida C50 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0.7	0.7	0,7	0.7	0.7	0.7	0.7	0.7	0,7	0.7	0.7	0.7
Anchoring element [6]	pcs.	0.9	0.9	0,9	0.9	0.9	0.9	0.9	0.9	0,9	0.9	0.9	0.9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	12,0	12,0	-	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0,6	0.6	0.6	0.6	0.6	0.6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.6	0.6	0,6	0.6	0.6	0.6	-	-	0,6	0.6	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	0.1	0.1	0.1	-	-	0,1	0.1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	-	0.7	0.7	-	-	0.7	0.7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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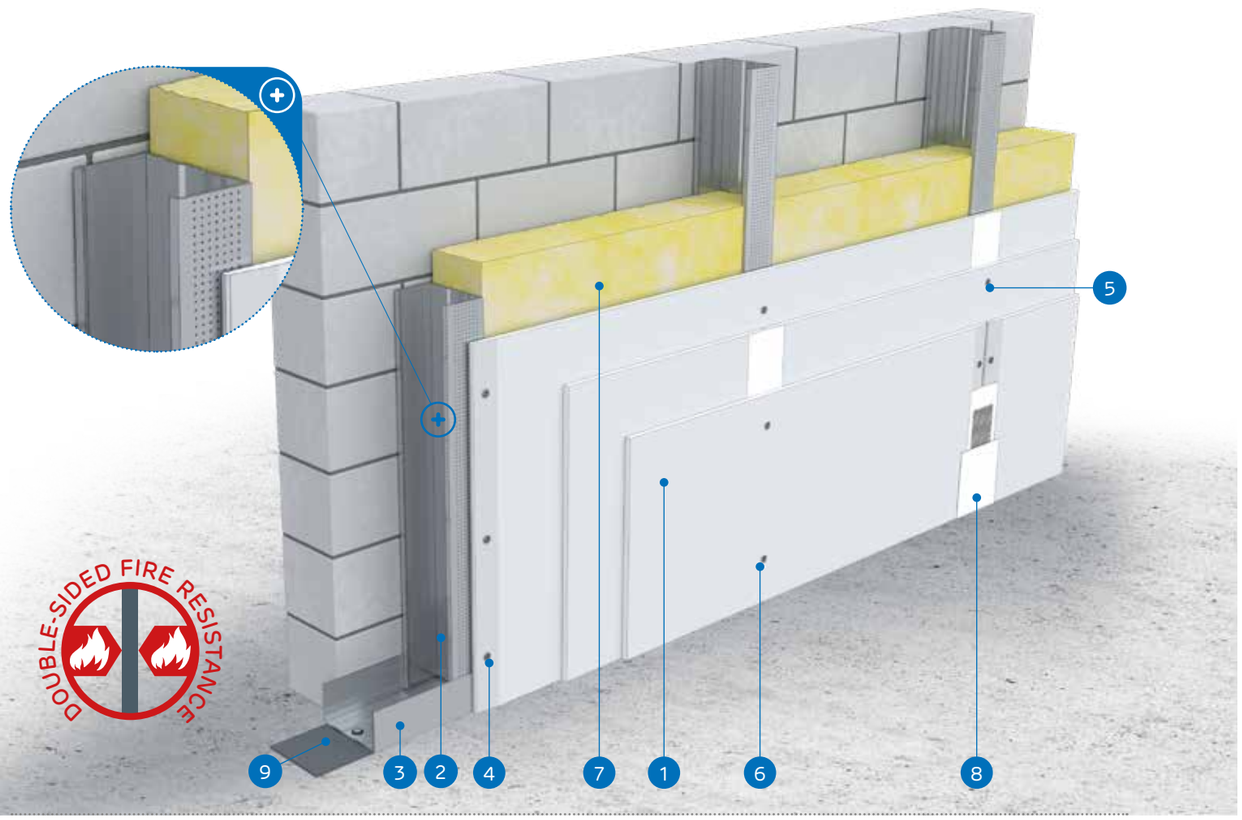
Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	51 dB	3000 mm	33,0-43,0 kg	ETA 15/0301

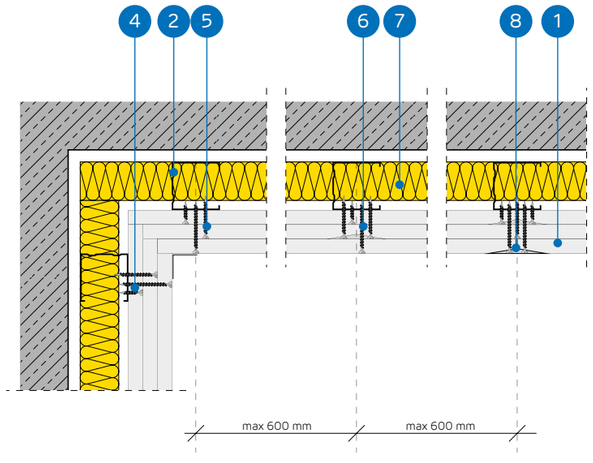
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C50-37,5; C50-45



MATERIALS:

1. Nida plasterboard
2. Nida C50 profile
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Insulation material mineral wool
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C50-37,5/Ogień+	Ogień Plus	3x12,5	DF	C50	600	glass / rock	50	12	3000	41	40	37	33.0	(R)EI60	-
C50-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	C50	600	glass / rock	50	12	3000	41	40	37	33.0	(R)EI60	-
C50-37,5/Cicha	Cicha	3x12,5	DFH1IR	C50	600	glass / rock	50	12	3000	51 [4]	50	48	41.0	(R)EI60	●
C50-37,5/Twarda	Twarda	3x12,5	DEFH1IR	C50	600	glass / rock	50	12	3000	50 [4]	50	47	41.0	(R)EI60	●
C50-37,5/Hydro	Hydro	3x12,5	GMFH1I	C50	600	glass / rock	50	12	3000	41	40	37	35.0	(R)EI60	●
C50-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	C50	600	glass / rock	50	12	3000	41	40	37	43.0	(R)EI120	-
C50-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	C50	600	glass / rock	50	12	3000	41	40	37	43.0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		C50-37,5/ Ogień+	C50-37,5/ WodaOgień+	C50-37,5/ Cicha	C50-37,5/ Twarda	C50-37,5/ Hydro	C50-45/ Ogień+	C50-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
Nida C50 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7
Anchoring element [5]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6
Nida Start gypsum putty	kg	0.9	0.9	0.9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0.1	0.1	0.1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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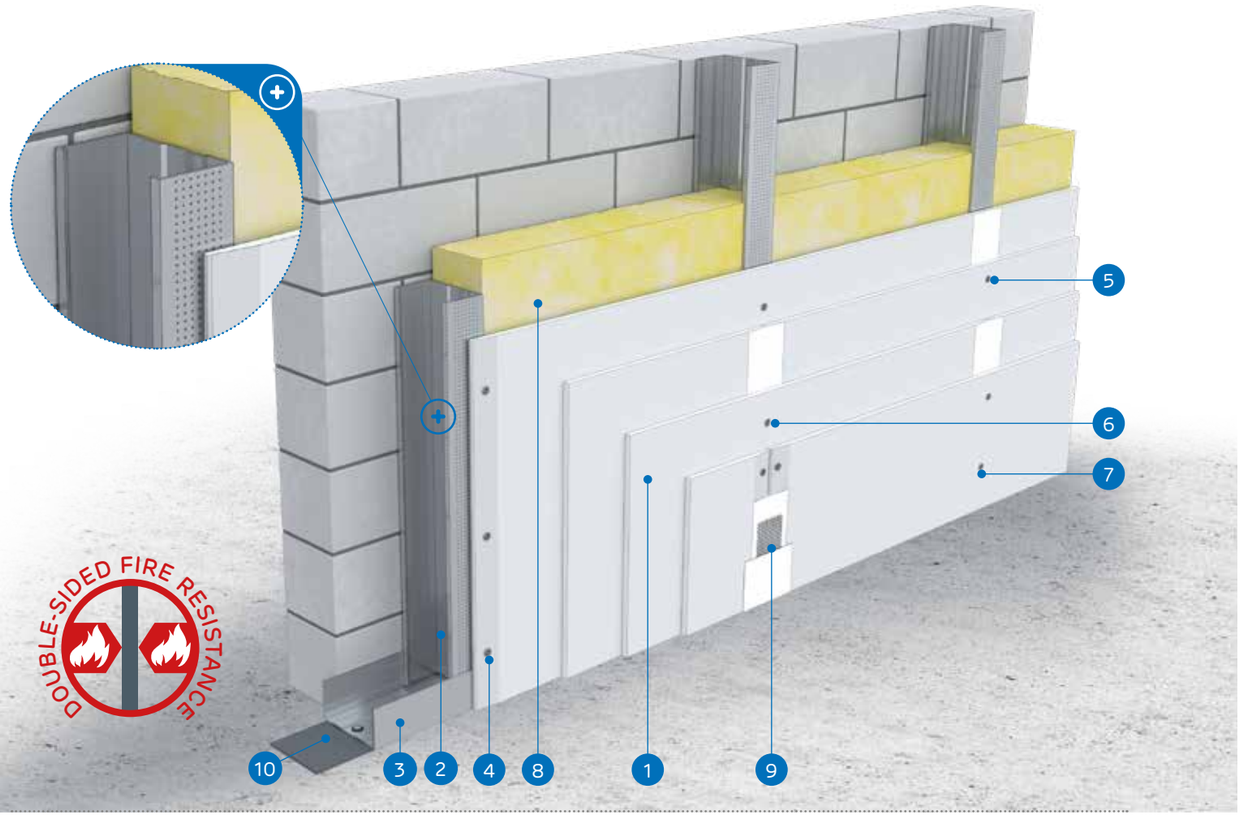
Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI90 (R)EI120	51 dB	3000 mm	43,0-65,0 kg	ETA 15/0301

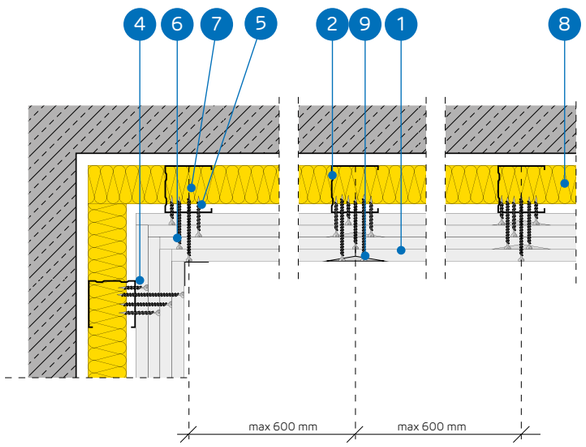
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C50-50; C50-55; C50-60



MATERIALS:

1. Nida plasterboard
2. Nida C50 profile
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Nida 4.2x70 mm sheet metal screws
8. Insulation material mineral wool
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C50-50/Ogień+	Ogień Plus	4x12,5	DF	C50	600	glass / rock	50	14	3000	41	40	38	43.0	(R)EI90	-
C50-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	C50	600	glass / rock	50	14	3000	41	40	38	43.0	(R)EI90	-
C50-50/Cicha	Cicha	4x12,5	DFH1IR	C50	600	glass / rock	50	14	3000	51 [3]	51	49	54.0	(R)EI90	●
C50-50/Twarda	Twarda	4x12,5	DEFH1IR	C50	600	glass / rock	50	14	3000	51 [3]	50	48	54.0	(R)EI90	●
C50-50/Hydro	Hydro	4x12,5	GMFH1I	C50	600	glass / rock	50	14	3000	41	40	38	46.0	(R)EI90	●
C50-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	C50	600	glass / rock	50	14	3000	41	40	38	50,0	(R)EI120	-
C50-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	C50	600	glass / rock	50	14	3000	51 [3]	50	48	59,0	(R)EI120	●
C50-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	C50	600	glass / rock	50	14	3000	41	40	38	51,0	(R)EI120	●
C50-60/Ogień+	Ogień Plus	4x15,0	DF	C50	600	glass / rock	50	14	3000	42	41	39	57.0	(R)EI120	-
C50-60/Twarda	Twarda	4x15,0	DEFH1IR	C50	600	glass / rock	50	14	3000	51 [3]	50	48	65.0	(R)EI120	●
C50-60/Hydro	Hydro	4x15,0	GMFH1I	C50	600	glass / rock	50	14	3000	42	41	39	57.0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		C50-50/ Ogień+	C50-50/ WodaOgień+	C50-50/ Cicha	C50-50/ Twarda	C50-50/ Hydro	C50-55/ Ogień+	C50-55/ Twarda	C50-55/ Hydro	C50-60/ Ogień+	C50-60/ Twarda	C50-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C50 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0.7	0.7	0.7	0.7	0.7	0.7	0,7	0.7	0.7	0.7	0.7
Anchoring element [4]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9	0,9	0.9	0.9	0.9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6	0.6	0.6	0.6	0.6
Nida Start gypsum putty	kg	1,2	1,2	1.2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	-	-	0.1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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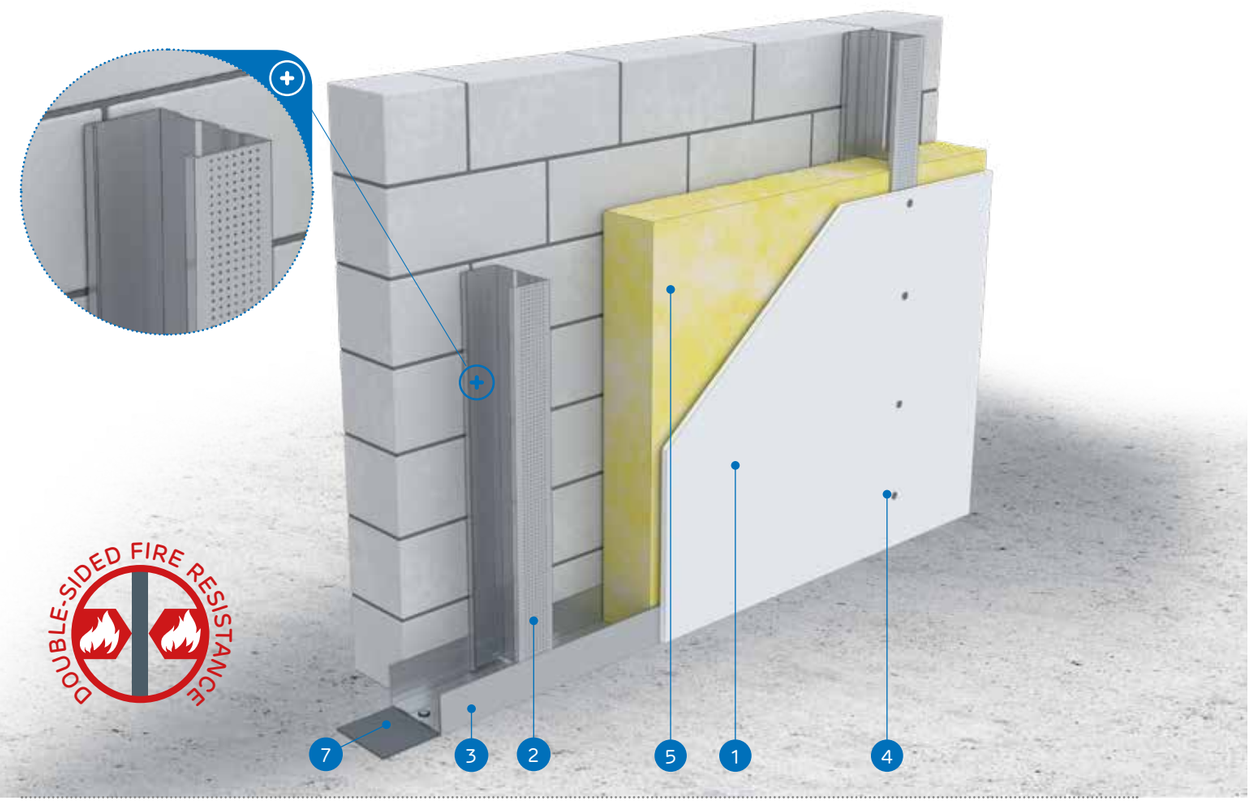
Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15 (R)EI30	50 dB	3000 mm	11,0-17,0 kg	ETA 15/0301

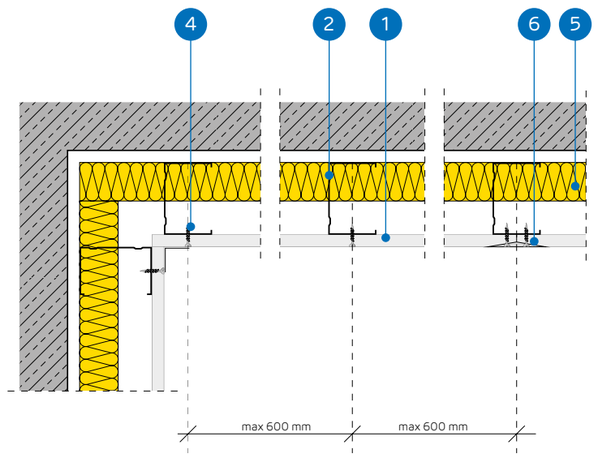
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C75-12,5; C75-18



MATERIALS:

1. Nida plasterboard
2. Nida C75 profile
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Insulation material mineral wool
6. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
7. Sealing tape for Nida acoustic insulation



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C75-12,5/Expert	Expert	12,5	A	C75	600	glass / rock	50	12	3000	34	32	28	11.0	-	-
C75-12,5/Woda [3]	Woda	12,5	H2	C75	600	glass / rock	50	12	3000	34	32	28	11.0	-	-
C75-12,5/Ogień+	Ogień Plus	12,5	DF	C75	600	glass / rock	50	12	3000	36	34	30	13.0	(R)EI15	-
C75-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	C75	600	glass / rock	50	12	3000	36	34	30	13.0	(R)EI15	-
C75-12,5/Cicha	Cicha	12,5	DFH1IR	C75	600	glass / rock	75	12	3000	50 [4]	49	46	16.0	(R)EI15	●
C75-12,5/Twarda	Twarda	12,5	DEFH1IR	C75	600	glass / rock	75	12	3000	49 [4]	48	45	16.0	(R)EI15	●
C75-12,5/Hydro	Hydro	12,5	GMFH1I	C75	600	glass / rock	50	12	3000	36	34	30	14.0	(R)EI15	●
C75-18/Ogień+	Ogień Plus	18,0	DF	C75	600	glass / rock	50	12	3000	36	34	30	17.0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		C75-12,5/ Expert	C75-12,5/ Woda	C75-12,5/ Ogień+	C75-12,5/ WodaOgień+	C75-12,5/ Cicha	C75-12,5/ Twarda	C75-12,5/ Hydro	C75-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
Nida C75 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Anchoring element [5]	pcs.	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.3	0.3	0.3	0.3	0,3	-	-	0.3
Nida Finish gypsum putty	kg	0.1	0.1	0.1	0.1	0,1	-	-	0.1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	0.4	0.4	-
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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nida Tynk

Fire resistance class: (R)EI30 (R)EI60

Maximum acoustic insulation: 50 dB

Maximum encasement height: 4000 mm

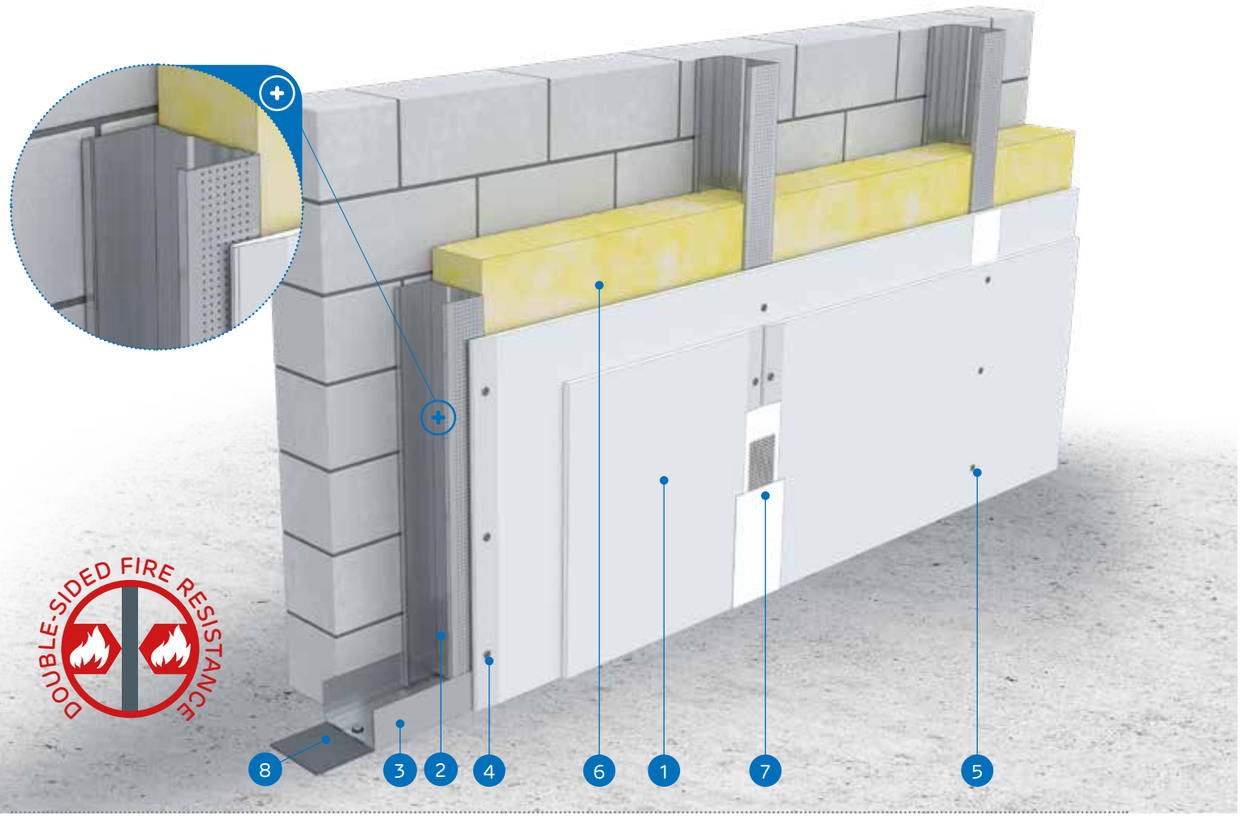
Weight of 1m² of encasement: 19,0-33,0 kg

Number of related document: ETA 15/0301

Declaration of performance: DoP/Separate Lining System/0012/15.11.2016

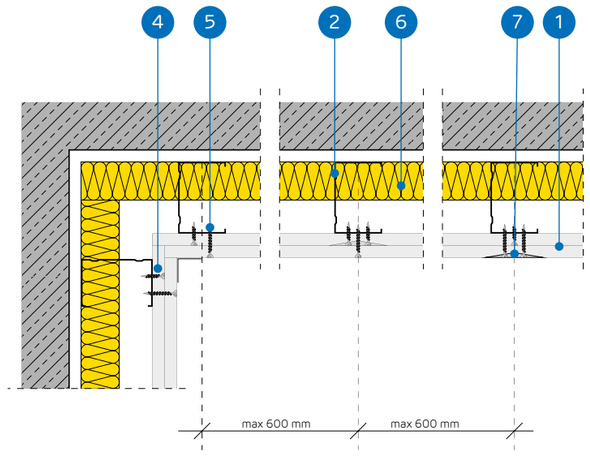
SYSTEMS:

C75-25; C75-27,5; C75-30



MATERIALS:

1. Nida plasterboard
2. Nida C75 profile
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Insulation material mineral wool
7. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
8. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encase-ment	Fire resi-stance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C75-25/Expert	Expert	2x12,5	A	C75	600	glass / rock	50	12	4000	37	35	31	19.0	-	-
C75-25/Woda [3]	Woda	2x12,5	H2	C75	600	glass / rock	50	12	4000	37	35	31	19.0	-	-
C75-25/OgieńTypF	Ogień Typ F	2x12,5	F	C75	600	glass / rock	50	12	4000	37	35	31	20,0	(R)EI30	-
C75-25/Ogień+	Ogień Plus	2x12,5	DF	C75	600	glass / rock	50	12	4000	40	38	35	23.0	(R)EI30	-
C75-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	C75	600	glass / rock	50	12	4000	40	38	35	23.0	(R)EI30	-
C75-25/Cicha	Cicha	2x12,5	DFH1IR	C75	600	glass / rock	75	12	4000	50 [5]	50	48	28.0	(R)EI30	●
C75-25/Twarda	Twarda	2x12,5	DEFH1IR	C75	600	glass / rock	75	12	4000	50 [5]	49	47	28.0	(R)EI30	●
C75-25/Hydro	Hydro	2x12,5	GMFH1I	C75	600	glass / rock	50	12	4000	40	38	35	24.0	(R)EI30	●
C75-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	C75	600	glass / rock	50	12	4000	40	38	35	27,0	(R)EI60	-
C75-30/Ogień+	Ogień Plus	2x15,0	DF	C75	600	glass / rock	50	12	4000	41	40	37	30.0	(R)EI60	-
C75-30/Twarda	Twarda	2x15,0	DEFH1IR	C75	600	glass / rock	75	12	4000	49 [5]	49	47	33.0	(R)EI60	●
C75-30/Hydro	Hydro	2x15,0	GMFH1I	C75	600	glass / rock	50	12	4000	41	40	37	30.0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		C75-25/ Expert	C75-25/ Woda	C75-25/ OgieńTypF	C75-25/ Ogień+	C75-25/ WodaOgień+	C75-25/ Cicha	C75-25/ Twarda	C75-25/ Hydro	C75-27,5/ Ogień+	C75-30/ Ogień+	C75-30/ Twarda	C75-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida C75 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0.7	0.7	0,7	0.7	0.7	0.7	0.7	0.7	0,7	0.7	0.7	0.7
Anchoring element [6]	pcs.	0.9	0.9	0,9	0.9	0.9	0.9	0.9	0.9	0,9	0.9	0.9	0.9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	12,0	12,0	-	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0,6	0.6	0.6	0.6	0.6	0.6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.6	0.6	0,6	0.6	0.6	0,6	-	-	0,6	0.6	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	0.1	0.1	0,1	-	-	0,1	0.1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	-	0.7	0.7	-	-	0.7	0.7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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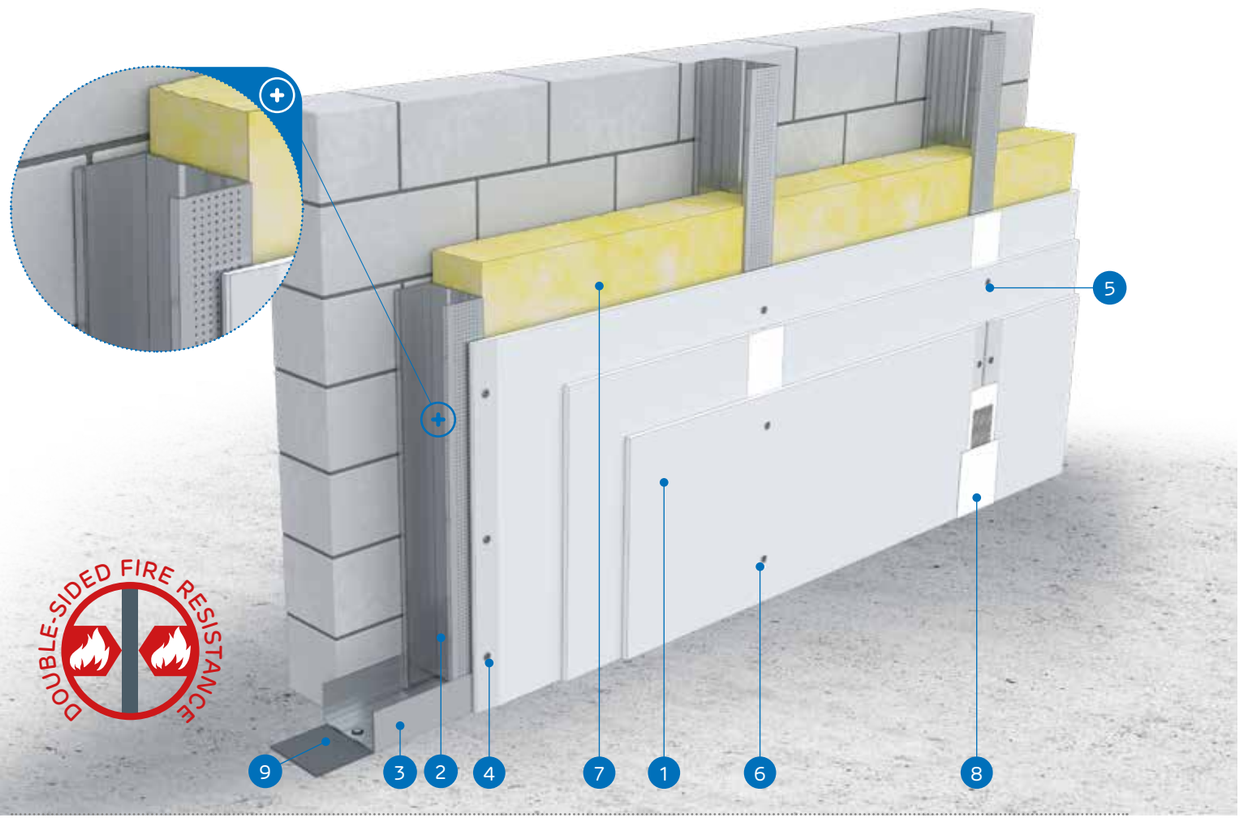
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	51 dB	4000 mm	33,0-43,0 kg	ETA 15/0301

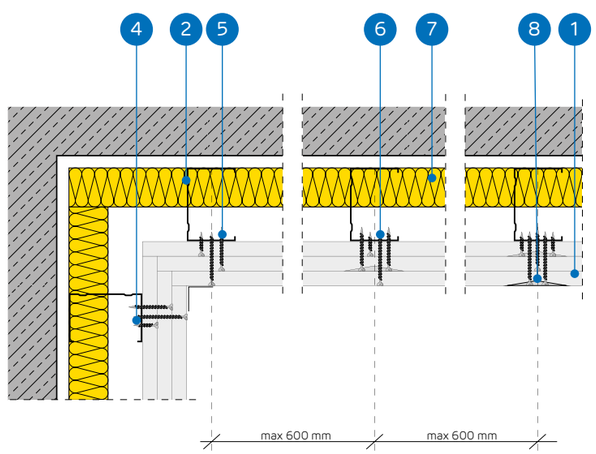
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C75-37,5; C75-45



MATERIALS:

1. Nida plasterboard
2. Nida C75 profile
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Insulation material mineral wool
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C75-37,5/Ogień+	Ogień Plus	3x12,5	DF	C75	600	glass / rock	50	12	4000	41	40	37	33.0	(R)EI60	-
C75-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	C75	600	glass / rock	50	12	4000	41	40	37	33.0	(R)EI60	-
C75-37,5/Cicha	Cicha	3x12,5	DFH1IR	C75	600	glass / rock	75	12	4000	51 [4]	50	48	41.0	(R)EI60	●
C75-37,5/Twarda	Twarda	3x12,5	DEFH1IR	C75	600	glass / rock	75	12	4000	50 [4]	50	48	41.0	(R)EI60	●
C75-37,5/Hydro	Hydro	3x12,5	GMFH1I	C75	600	glass / rock	50	12	4000	41	40	37	35.0	(R)EI60	●
C75-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	C75	600	glass / rock	50	12	4000	41	40	37	43,0	(R)EI120	-
C75-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	C75	600	glass / rock	50	12	4000	41	40	37	43,0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		C75-37,5/ Ogień+	C75-37,5/ WodaOgień+	C75-37,5/Cicha	C75-37,5/ Twarda	C75-37,5/Hydro	C75-45/Ogień+	C75-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
Nida C75 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

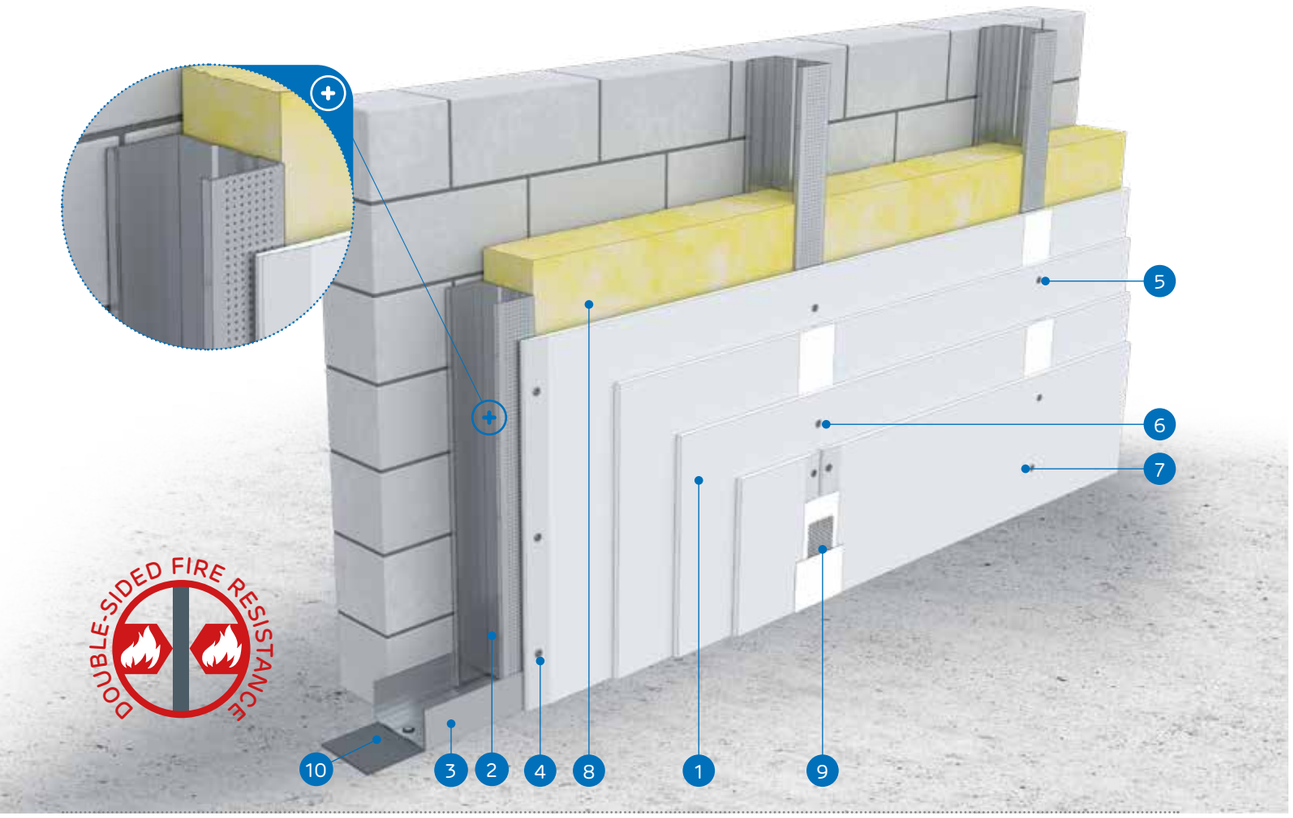
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI90 (R)EI120	51 dB	4000 mm	43,0-65,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

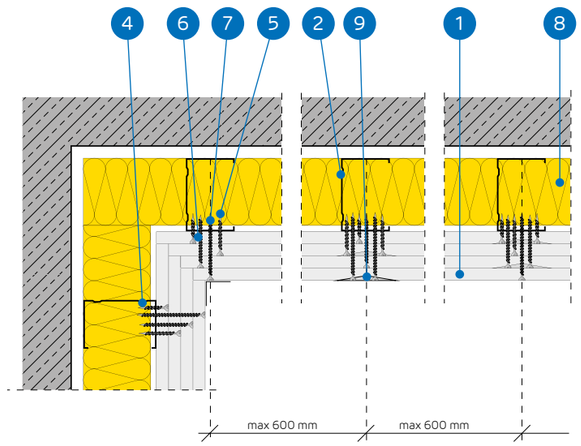
SYSTEMS:

C75-50; C75-55; C75-60



MATERIALS:

1. Nida plasterboard
2. Nida C75 profile
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Nida 4.2x70 mm sheet metal screws
8. Insulation material mineral wool
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C75-50/Ogień+	Ogień Plus	4x12,5	DF	C75	600	glass / rock	75	14	4000	43	41	38	43.0	(R)EI90	-
C75-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	C75	600	glass / rock	75	14	4000	43	41	38	43.0	(R)EI90	-
C75-50/Cicha	Cicha	4x12,5	DFH1IR	C75	600	glass / rock	75	14	4000	51 [3]	51	49	54.0	(R)EI90	●
C75-50/Twarda	Twarda	4x12,5	DEFH1IR	C75	600	glass / rock	75	14	4000	51 [3]	50	48	54.0	(R)EI90	●
C75-50/Hydro	Hydro	4x12,5	GMFH1I	C75	600	glass / rock	75	14	4000	43	41	38	46.0	(R)EI90	●
C75-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	C75	600	glass / rock	75	14	4000	43	41	38	51,0	(R)EI120	-
C75-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	C75	600	glass / rock	75	14	4000	51 [3]	50	48	60,0	(R)EI120	●
C75-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	C75	600	glass / rock	75	14	4000	43	41	38	52,0	(R)EI120	●
C75-60/Ogień+	Ogień Plus	4x15,0	DF	C75	600	glass / rock	75	14	4000	44	42	40	57.0	(R)EI120	-
C75-60/Twarda	Twarda	4x15,0	DEFH1IR	C75	600	glass / rock	75	14	4000	51 [3]	50	48	65.0	(R)EI120	●
C75-60/Hydro	Hydro	4x15,0	GMFH1I	C75	600	glass / rock	75	14	4000	44	42	40	57.0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		C75-50/ Ogień+	C75-50/ WodaOgień+	C75-50/ Cicha	C75-50/ Twarda	C75-50/ Hydro	C75-55/ Ogień+	C75-55/ Twarda	C75-55/ Hydro	C75-60/ Ogień+	C75-60/ Twarda	C75-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C75 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7	0,7	0.7	0.7	0.7
Anchoring element [4]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9	0,9	0.9	0.9	0.9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	-	-	0.1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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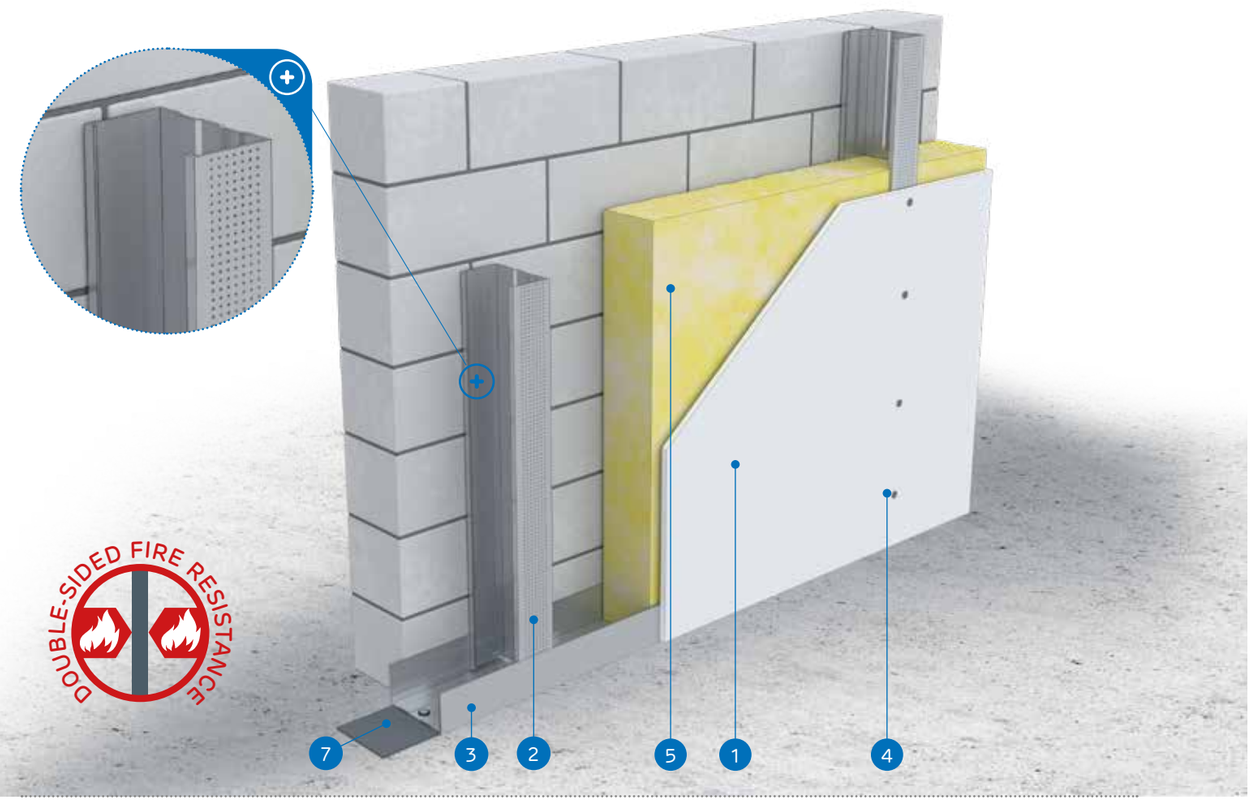
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15 (R)EI30	50 dB	4000 mm	12,0-18,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

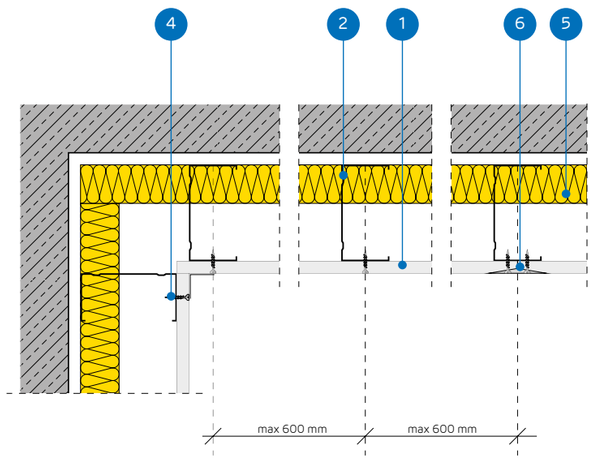
SYSTEMS:

C100-12,5; C100-18



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Insulation material mineral wool
6. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
7. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C100-12,5/Expert	Expert	12,5	A	C100	600	glass / rock	50	12	4000	34	32	28	12.0	-	-
C100-12,5/Woda [3]	Woda	12,5	H2	C100	600	glass / rock	50	12	4000	34	32	28	12.0	-	-
C100-12,5/Ogień+	Ogień Plus	12,5	DF	C100	600	glass / rock	50	12	4000	36	34	30	14.0	(R)EI15	-
C100-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	C100	600	glass / rock	50	12	4000	36	34	30	14.0	(R)EI15	-
C100-12,5/Cicha	Cicha	12,5	DFH1IR	C100	600	glass / rock	100	12	4000	50 [4]	49	47	17.0	(R)EI15	●
C100-12,5/Twarda	Twarda	12,5	DEFH1IR	C100	600	glass / rock	100	12	4000	49 [4]	49	46	17.0	(R)EI15	●
C100-12,5/Hydro	Hydro	12,5	GMFH1I	C100	600	glass / rock	50	12	4000	36	34	30	15.0	(R)EI15	●
C100-18/Ogień+	Ogień Plus	18,0	DF	C100	600	glass / rock	50	12	4000	36	34	30	18.0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		C100-12,5/ Expert	C100-12,5/ Woda	C100-12,5/ Ogień+	C100-12,5/ WodaOgień+	C100-12,5/ Cicha	C100-12,5/ Twarda	C100-12,5/ Hydro	C100-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Anchoring element [5]	pcs.	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.3	0.3	0.3	0.3	0,3	-	-	0.3
Nida Finish gypsum putty	kg	0.1	0.1	0.1	0.1	0,1	-	-	0.1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	0.4	0.4	-
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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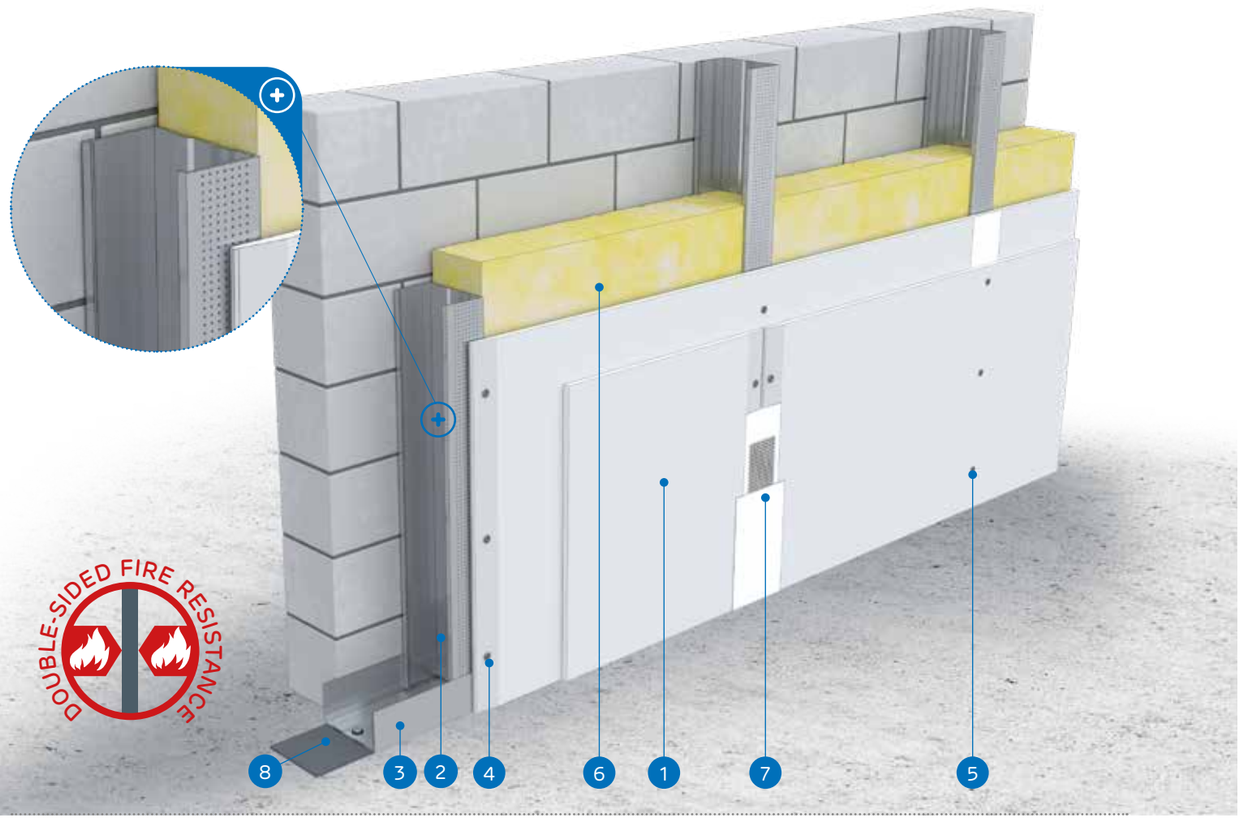
Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	50 dB	5000 mm	20,0-34,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

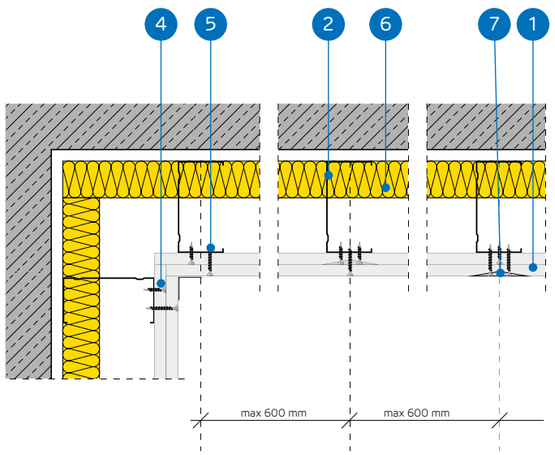
SYSTEMS:

C100-25; C100-27,5; C100-30



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Insulation material mineral wool
7. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
8. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C100-25/Expert	Expert	2x12,5	A	C100	600	glass / rock	50	12	5000	37	35	31	20.0	-	-
C100-25/Woda [3]	Woda	2x12,5	H2	C100	600	glass / rock	50	12	5000	37	35	31	20.0	-	-
C100-25/OgieńTypF	Ogień Typ F	2x12,5	F	C100	600	glass / rock	50	12	5000	37	35	31	21.0	(R)EI30	-
C100-25/Ogień+	Ogień Plus	2x12,5	DF	C100	600	glass / rock	50	12	5000	40	38	35	24.0	(R)EI30	-
C100-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	C100	600	glass / rock	50	12	5000	40	38	35	24.0	(R)EI30	-
C100-25/Cicha	Cicha	2x12,5	DFH1IR	C100	600	glass / rock	100	12	5000	50 [5]	50	48	29.0	(R)EI30	●
C100-25/Twarda	Twarda	2x12,5	DEFH1IR	C100	600	glass / rock	100	12	5000	50 [5]	49	47	29.0	(R)EI30	●
C100-25/Hydro	Hydro	2x12,5	GMFH1I	C100	600	glass / rock	50	12	5000	40	38	35	25.0	(R)EI30	●
C100-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	C100	600	glass / rock	50	12	5000	40	38	35	28.0	(R)EI60	-
C100-30/Ogień+	Ogień Plus	2x15,0	DF	C100	600	glass / rock	50	12	5000	41	40	37	31.0	(R)EI60	-
C100-30/Twarda	Twarda	2x15,0	DEFH1IR	C100	600	glass / rock	100	12	5000	49 [5]	49	47	34.0	(R)EI60	●
C100-30/Hydro	Hydro	2x15,0	GMFH1I	C100	600	glass / rock	50	12	5000	41	40	37	31.0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		C100-25/ Expert	C100-25/ Woda	C100-25/ OgieńTypF	C100-25/ Ogień+	C100-25/ WodaOgień+	C100-25/ Cicha	C100-25/ Twarda	C100-25/ Hydro	C100-27,5/ Ogień+	C100-30/ Ogień+	C100-30/ Twarda	C100-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0.7	0.7	0,7	0.7	0.7	0.7	0.7	0.7	0,7	0.7	0.7	0.7
Anchoring element [6]	pcs.	0.9	0.9	0,9	0.9	0.9	0.9	0.9	0.9	0,9	0.9	0.9	0.9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	12,0	12,0	-	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0,6	0.6	0.6	0.6	0.6	0.6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.6	0.6	0,6	0.6	0.6	0,6	-	-	0,6	0.6	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	0.1	0.1	0,1	-	-	0,1	0.1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	-	0.7	0.7	-	-	0.7	0.7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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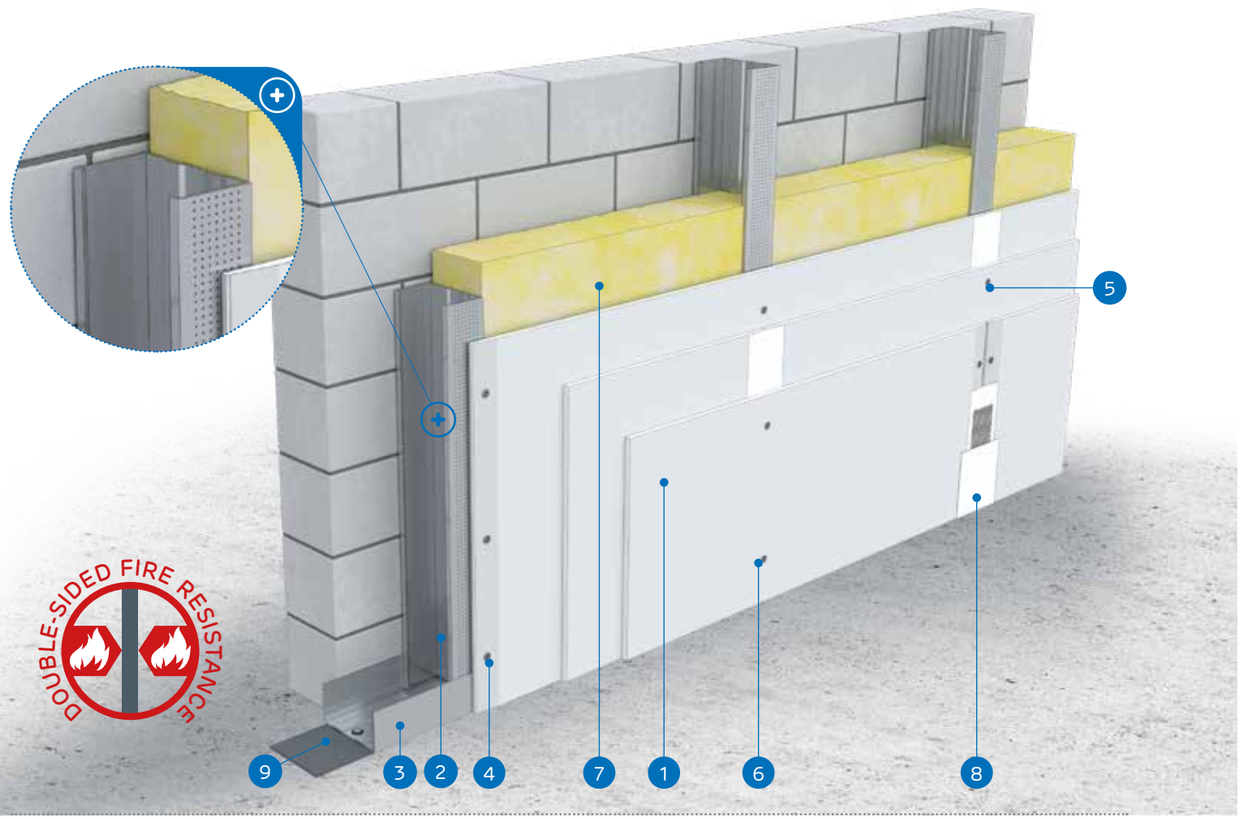
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	51 dB	5000 mm	34,0-44,0 kg	ETA 15/0301

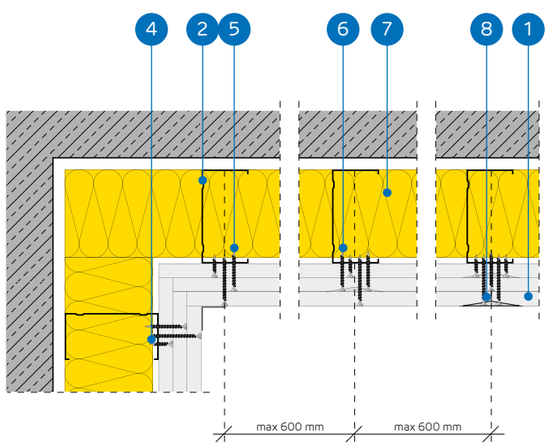
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C100-37,5; C100-45



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Insulation material mineral wool
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C100-37,5/Ogień+	Ogień Plus	3x12,5	DF	C100	600	glass / rock	100	12	5000	45	44	39	34.0	(R)EI60	-
C100-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	C100	600	glass / rock	100	12	5000	45	44	39	34.0	(R)EI60	-
C100-37,5/Cicha	Cicha	3x12,5	DFH1IR	C100	600	glass / rock	100	12	5000	51 [4]	50	48	42.0	(R)EI60	●
C100-37,5/Twarda	Twarda	3x12,5	DEFH1IR	C100	600	glass / rock	100	12	5000	50 [4]	50	48	42.0	(R)EI60	●
C100-37,5/Hydro	Hydro	3x12,5	GMFH1I	C100	600	glass / rock	100	12	5000	45	44	39	36.0	(R)EI60	●
C100-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	C100	600	glass / rock	100	12	5000	45	44	39	44.0	(R)EI120	-
C100-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	C100	600	glass / rock	100	12	5000	45	44	39	44.0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		C100-37,5/ Ogień+	C100-37,5/ WodaOgień+	C100-37,5/ Cicha	C100-37,5/ Twarda	C100-37,5/ Hydro	C100-45/ Ogień+	C100-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7
Anchoring element [5]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6
Nida Start gypsum putty	kg	0.9	0.9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

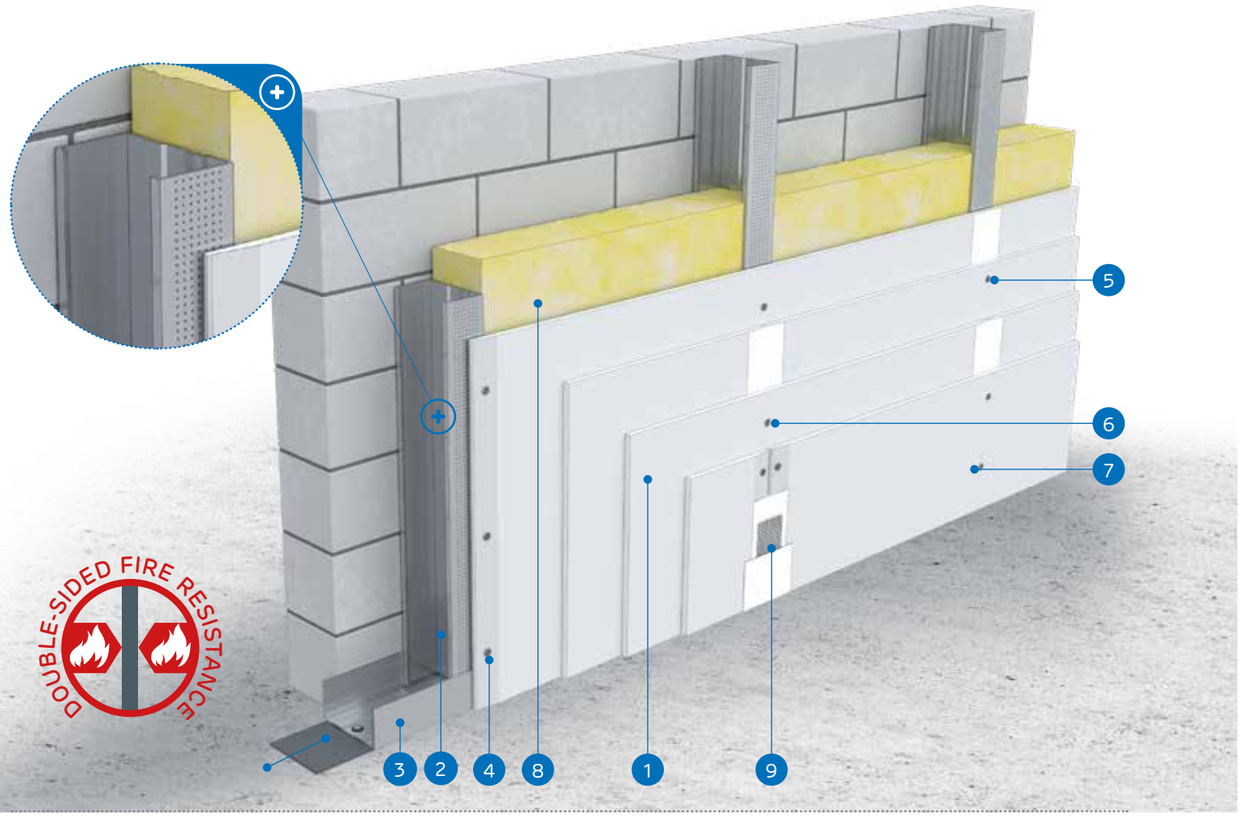
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI90 (R)EI120	51 dB	5000 mm	44,0-66,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

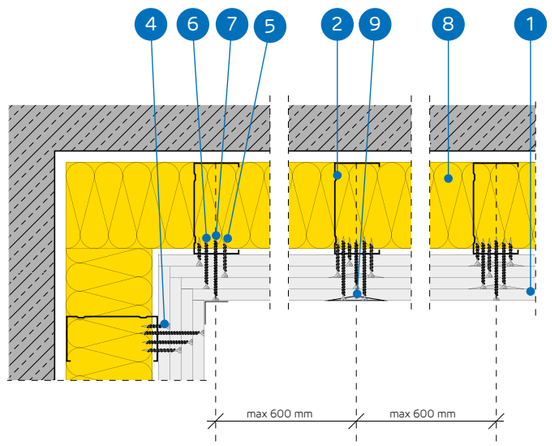
SYSTEMS:

C100-50; C100-55; C100-60



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Nida 4.2x70 mm sheet metal screws
8. Insulation material mineral wool
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA C100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
C100-50/Ogień+	Ogień Plus	4x12,5	DF	C100	600	glass / rock	100	14	5000	44	42	39	44.0	(R)EI90	-
C100-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	C100	600	glass / rock	100	14	5000	44	42	39	44.0	(R)EI90	-
C100-50/Cicha	Cicha	4x12,5	DFH1IR	C100	600	glass / rock	100	14	5000	51 [3]	51	49	55.0	(R)EI90	●
C100-50/Twarda	Twarda	4x12,5	DEFH1IR	C100	600	glass / rock	100	14	5000	51 [3]	50	49	55.0	(R)EI90	●
C100-50/Hydro	Hydro	4x12,5	GMFH1I	C100	600	glass / rock	100	14	5000	44	42	39	47.0	(R)EI90	●
C100-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	C100	600	glass / rock	100	14	5000	44	42	39	51,0	(R)EI120	-
C100-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	C100	600	glass / rock	100	14	5000	51 [3]	50	49	60,0	(R)EI120	●
C100-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	C100	600	glass / rock	100	14	5000	44	42	39	52,0	(R)EI120	●
C100-60/Ogień+	Ogień Plus	4x15,0	DF	C100	600	glass / rock	100	14	5000	45	44	40	58.0	(R)EI120	-
C100-60/Twarda	Twarda	4x15,0	DEFH1IR	C100	600	glass / rock	100	14	5000	51 [3]	50	49	66.0	(R)EI120	●
C100-60/Hydro	Hydro	4x15,0	GMFH1I	C100	600	glass / rock	100	14	5000	45	44	40	58.0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		C100-50/ Ogień+	C100-50/ WodaOgień+	C100-50/ Cicha	C100-50/ Twarda	C100-50/ Hydro	C100-55/ Ogień+	C100-55/ Twarda	C100-55/ Hydro	C100-60/ Ogień+	C100-60/ Twarda	C100-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7	0,7	0.7	0.7	0.7
Anchoring element [4]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9	0,9	0.9	0.9	0.9
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	-	-	0.1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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nida Tynk

Fire resistance class: (R)EI15 (R)EI30

Increase of acoustic insulation: 12 dB

Maximum encasement height: 4000 mm

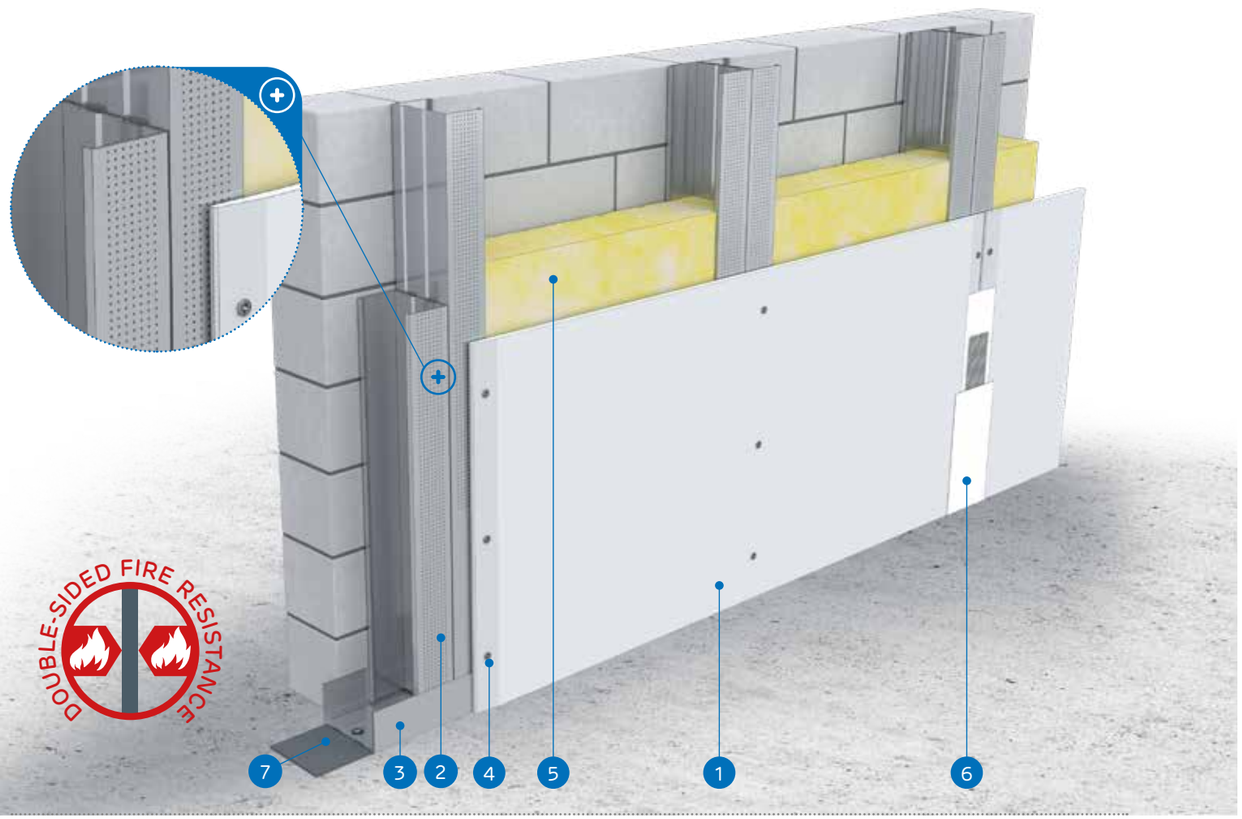
Weight of 1m² of encasement: 11,0-17,0 kg

Number of related document: ETA 15/0301

Declaration of performance: DoP/Separate Lining System/0012/15.11.2016

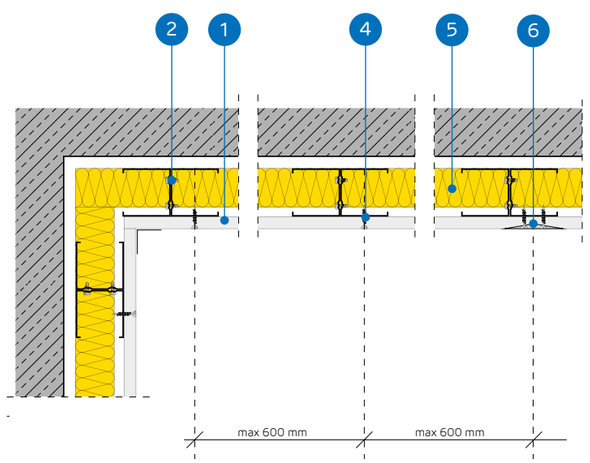
SYSTEMS:

CC50-12,5; CC50-18



MATERIALS:

1. Nida plasterboard
2. Nida 2x C50 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Insulation material mineral wool (optional)
6. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
7. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC50-12,5/Expert	Expert	12,5	A	2xC50	600	optional	-	-	4000	12	11.0	-	-
CC50-12,5/Woda [3]	Woda	12,5	H2	2xC50	600	optional	-	-	4000	12	11.0	-	-
CC50-12,5/Ogień+	Ogień Plus	12,5	DF	2xC50	600	optional	-	-	4000	12	13.0	(R)EI15	-
CC50-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xC50	600	optional	-	-	4000	12	13.0	(R)EI15	-
CC50-12,5/Cicha	Cicha	12,5	DFH1IR	2xC50	600	optional	-	-	4000	12	16.0	(R)EI15	●
CC50-12,5/Twarda	Twarda	12,5	DEFH1IR	2xC50	600	optional	-	-	4000	12	16.0	(R)EI15	●
CC50-12,5/Hydro	Hydro	12,5	GMFH1I	2xC50	600	optional	-	-	4000	12	14.0	(R)EI15	●
CC50-18/Ogień+	Ogień Plus	18,0	DF	2xC50	600	optional	-	-	4000	12	17.0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		C50-12,5/ Expert	C50-12,5/ Woda	C50-12,5/ Ogień+	C50-12,5/ WodaOgień+	C50-12,5/ Cicha	C50-12,5/ Twarda	C50-12,5/ Hydro	C50-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
Nida C50 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U50 profile	lm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Anchoring element [4]	pcs.	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.3	0.3	0.3	0.3	0,3	-	-	0.3
Nida Finish gypsum putty	kg	0.1	0.1	0.1	0.1	0,1	-	-	0.1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	-	-	0.4	0.4	-
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

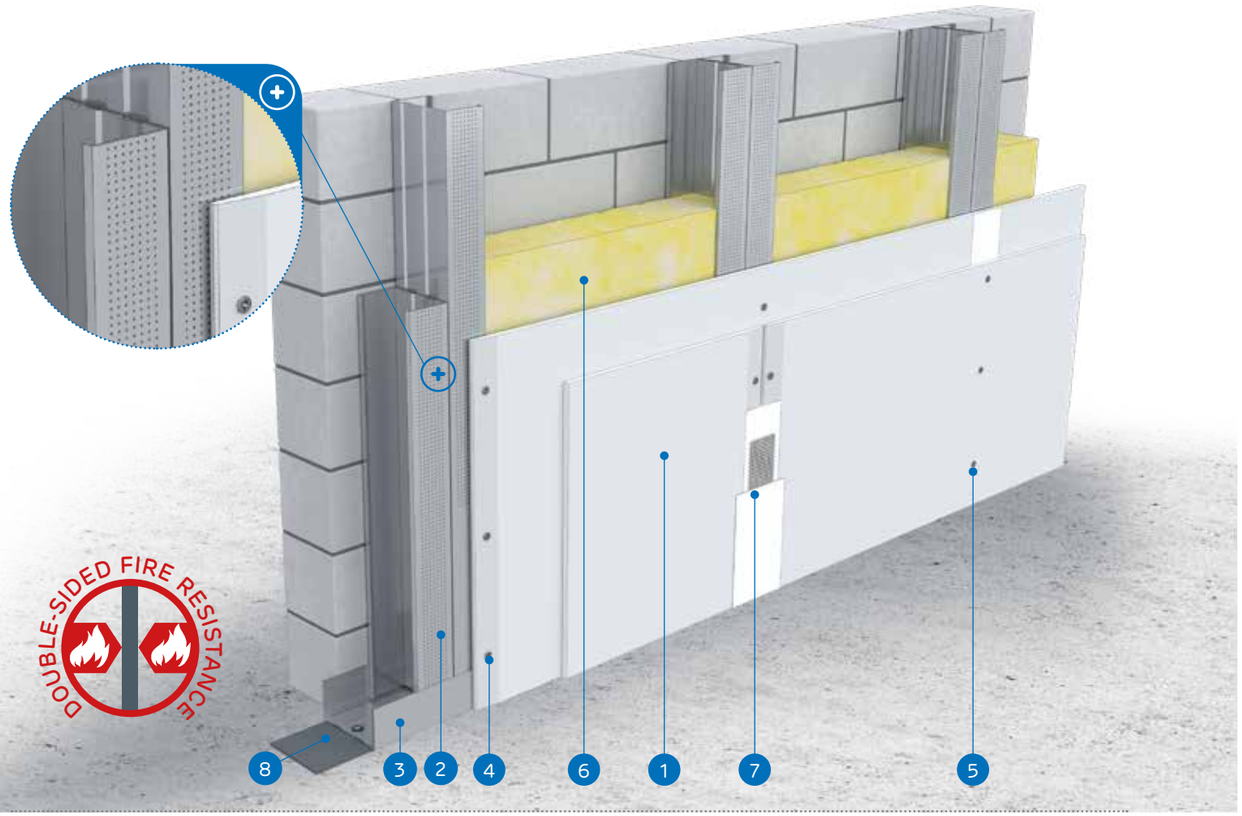
nida Tynk

Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	12 dB	4500 mm	20,0-34,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

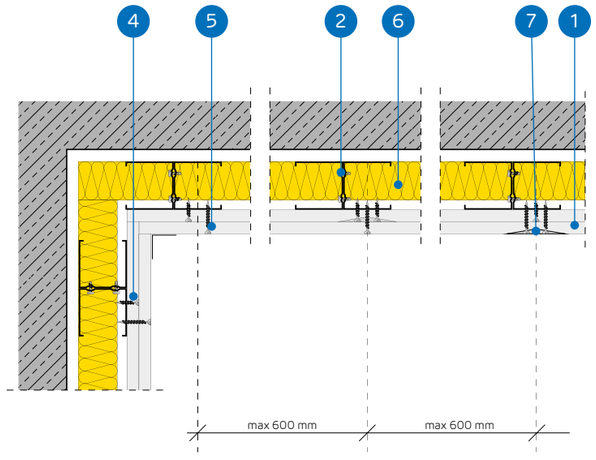
SYSTEMS:

CC50-25; CC50-27,5; CC50-30



MATERIALS:

1. Nida plasterboard
2. Nida 2x C50 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Insulation material mineral wool (optional)
7. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
8. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encase-ment	Fire resistan-ce class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC50-25/Expert	Expert	2x12,5	A	2xC50	600	optional	-	-	4500	12	20.0	-	-
CC50-25/Woda [3]	Woda	2x12,5	H2	2xC50	600	optional	-	-	4500	12	20.0	-	-
CC50-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xC50	600	optional	-	-	4500	12	21.0	(R)EI30	-
CC50-25/Ogień+	Ogień Plus	2x12,5	DF	2xC50	600	optional	-	-	4500	12	24.0	(R)EI30	-
CC50-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xC50	600	optional	-	-	4500	12	24.0	(R)EI30	-
CC50-25/Cicha	Cicha	2x12,5	DFH1IR	2xC50	600	optional	-	-	4500	12	29.0	(R)EI30	●
CC50-25/Twarda	Twarda	2x12,5	DEFH1IR	2xC50	600	optional	-	-	4500	12	29.0	(R)EI30	●
CC50-25/Hydro	Hydro	2x12,5	GMFH1I	2xC50	600	optional	-	-	4500	12	25.0	(R)EI30	●
CC50-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xC50	600	optional	-	-	4500	12	28.0	(R)EI60	-
CC50-30/Ogień+	Ogień Plus	2x15,0	DF	2xC50	600	optional	-	-	4500	12	31.0	(R)EI60	-
CC50-30/Twarda	Twarda	2x15,0	DEFH1IR	2xC50	600	optional	-	-	4500	12	34.0	(R)EI60	●
CC50-30/Hydro	Hydro	2x15,0	GMFH1I	2xC50	600	optional	-	-	4500	12	31.0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		CC50-25/ Expert	CC50-25/ Woda	CC50-25/ OgieńTypF	CC50-25/ Ogień+	CC50-25/ WodaOgień+	CC50-25/ Cicha	CC50-25/ Twarda	CC50-25/ Hydro	CC50-27,5/ Ogień+	CC50-30/ Ogień+	CC50-30/ Twarda	CC50-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida C50 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U50 profile	lm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Anchoring element [5]	pcs.	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	12,0	12,0	-	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.6	0.6	0.6	0.6	0.6	0,6	-	-	0.6	0.6	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0.1	0.1	0.1	0,1	-	-	0.1	0.1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	-	0.7	0.7	-	-	0.7	0.7
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk

Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	12 dB	4500 mm	33,0-44,0 kg	ETA 15/0301

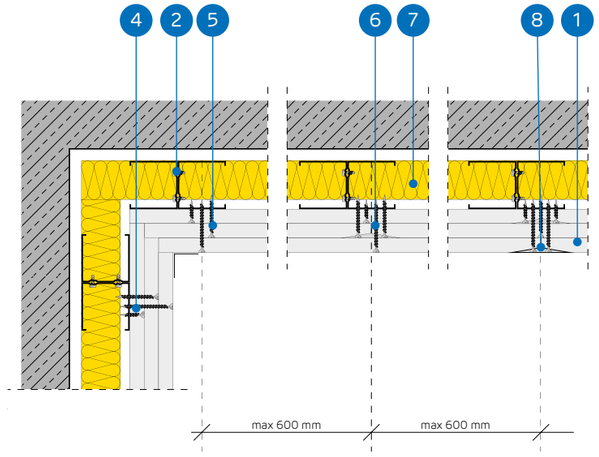
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:

CC50-37,5; CC50-45

MATERIALS:

1. Nida plasterboard
2. Nida 2x C50 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Insulation material mineral wool (optional)
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC50-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xC50	600	optional	-	-	4500	12	33.0	(R)EI60	-
CC50-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xC50	600	optional	-	-	4500	12	33.0	(R)EI60	-
CC50-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xC50	600	optional	-	-	4500	12	41.0	(R)EI60	●
CC50-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xC50	600	optional	-	-	4500	12	41.0	(R)EI60	●
CC50-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xC50	600	optional	-	-	4500	12	35.0	(R)EI60	●
CC50-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	2xC50	600	optional	-	-	4500	12	44.0	(R)EI120	-
CC50-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	2xC50	600	optional	-	-	4500	12	44.0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		CC50-37,5/ Ogień+	CC50-37,5/ WodaOgień+	CC50-37,5/ Cicha	CC50-37,5/ Twarda	CC50-37,5/ Hydro	CC50-45/ Ogień+	CC50-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
Nida C50 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U50 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7
Anchoring element [4]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.9	0.9	0.9	-	-	0.9	0.9
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

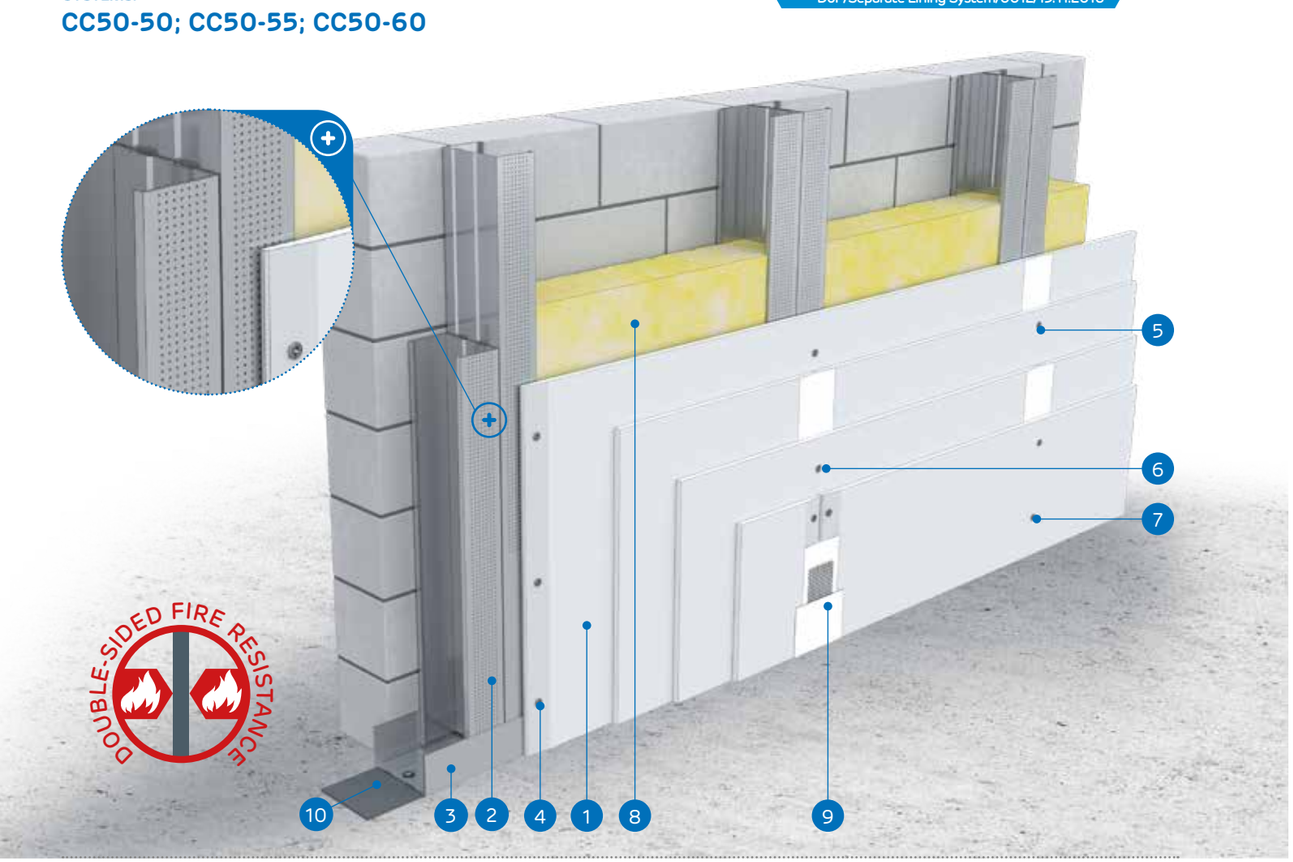
nida Tynk

Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI90 (R)EI120	12 dB	4500 mm	44,0-66,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

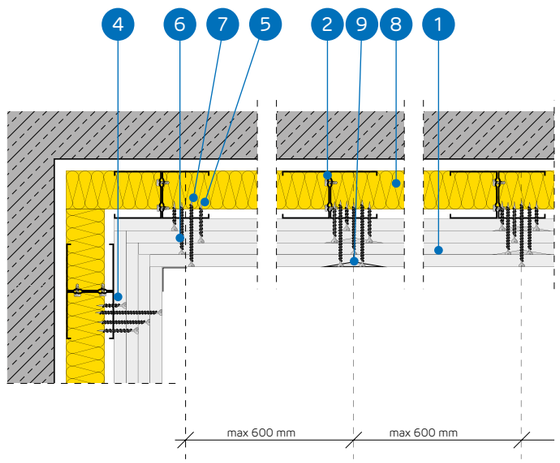
SYSTEMS:

CC50-50; CC50-55; CC50-60



MATERIALS:

1. Nida plasterboard
2. Nida 2x C50 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Nida 4.2x70 mm sheet metal screws
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class [2]	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC50-50/Ogień+	Ogień Plus	4x12,5	DF	2xC50	600	optional	-	-	4500	12	44.0	(R)EI90	-
CC50-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xC50	600	optional	-	-	4500	12	44.0	(R)EI90	-
CC50-50/Cicha	Cicha	4x12,5	DFH1IR	2xC50	600	optional	-	-	4500	12	55.0	(R)EI90	●
CC50-50/Twarda	Twarda	4x12,5	DEFH1IR	2xC50	600	optional	-	-	4500	12	55.0	(R)EI90	●
CC50-50/Hydro	Hydro	4x12,5	GMFH1I	2xC50	600	optional	-	-	4500	12	47.0	(R)EI90	●
CC50-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xC50	600	optional	-	-	4500	12	51,0	(R)EI120	-
CC50-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xC50	600	optional	-	-	4500	12	61,0	(R)EI120	●
CC50-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xC50	600	optional	-	-	4500	12	53,0	(R)EI120	●
CC50-60/Ogień+	Ogień Plus	4x15,0	DF	2xC50	600	optional	-	-	4500	12	58.0	(R)EI120	-
CC50-60/Twarda	Twarda	4x15,0	DEFH1IR	2xC50	600	optional	-	-	4500	12	66.0	(R)EI120	●
CC50-60/Hydro	Hydro	4x15,0	GMFH1I	2xC50	600	optional	-	-	4500	12	58.0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		CC50-50/ Ogień+	CC50-50/ WodaOgień+	CC50-50/ Cicha	CC50-50/ Twarda	CC50-50/ Hydro	CC50-55/ Ogień+	CC50-55/ Twarda	CC50-55/ Hydro	CC50-60/ Ogień+	CC50-60/ Twarda	CC50-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C50 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U50 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7	0,7	0.7	0.7	0.7
Anchoring element [3]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9	0,9	0.9	0.9	0.9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	-	-	0.1	-	-
Nida Hydromix ready-to-use joint filler [4]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [5]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

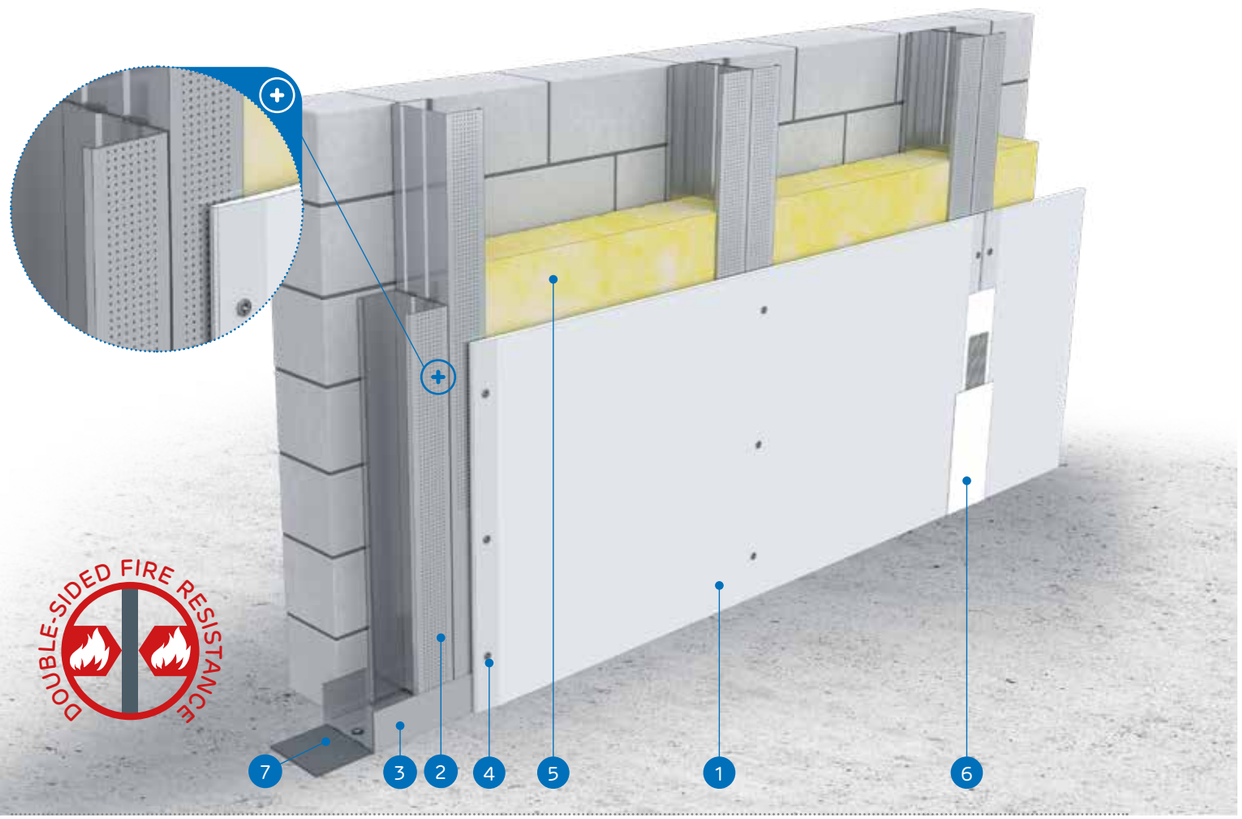
[3] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[4] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[5] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk

Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15 (R)EI30	12 dB	4500 mm	11,0-17,0 kg	ETA 15/0301

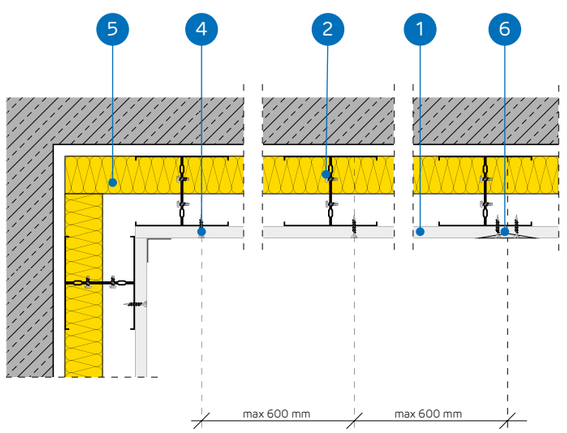
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
CC75-12,5; CC75-18



MATERIALS:

1. Nida plasterboard
2. Nida 2x C75 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Insulation material mineral wool (optional)
6. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
7. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC75-12,5/Expert	Expert	12,5	A	2xC75	600	optional	-	-	4500	12	11.0	-	-
CC75-12,5/Woda [3]	Woda	12,5	H2	2xC75	600	optional	-	-	4500	12	11.0	-	-
CC75-12,5/Ogień+	Ogień Plus	12,5	DF	2xC75	600	optional	-	-	4500	12	13.0	(R)EI15	-
CC75-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xC75	600	optional	-	-	4500	12	13.0	(R)EI15	-
CC75-12,5/Cicha	Cicha	12,5	DFH1IR	2xC75	600	optional	-	-	4500	12	16.0	(R)EI15	●
CC75-12,5/Twarda	Twarda	12,5	DEFH1IR	2xC75	600	optional	-	-	4500	12	16.0	(R)EI15	●
CC75-12,5/Hydro	Hydro	12,5	GMFH1I	2xC75	600	optional	-	-	4500	12	14.0	(R)EI15	●
CC75-18/Ogień+	Ogień Plus	18,0	DF	2xC75	600	optional	-	-	4500	12	17.0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		CC75-12,5/ Expert	CC75-12,5/ Woda	CC75-12,5/ Ogień+	CC75-12,5/ WodaOgień+	CC75-12,5/ Cicha	CC75-12,5/ Twarda	CC75-12,5/ Hydro	CC75-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
Nida C75 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U75 profile	lm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Anchoring element [4]	pcs.	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.3	0.3	0.3	0.3	0,3	-	-	0.3
Nida Finish gypsum putty	kg	0.1	0.1	0.1	0.1	0,1	-	-	0.1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	-	-	0.4	0.4	-
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

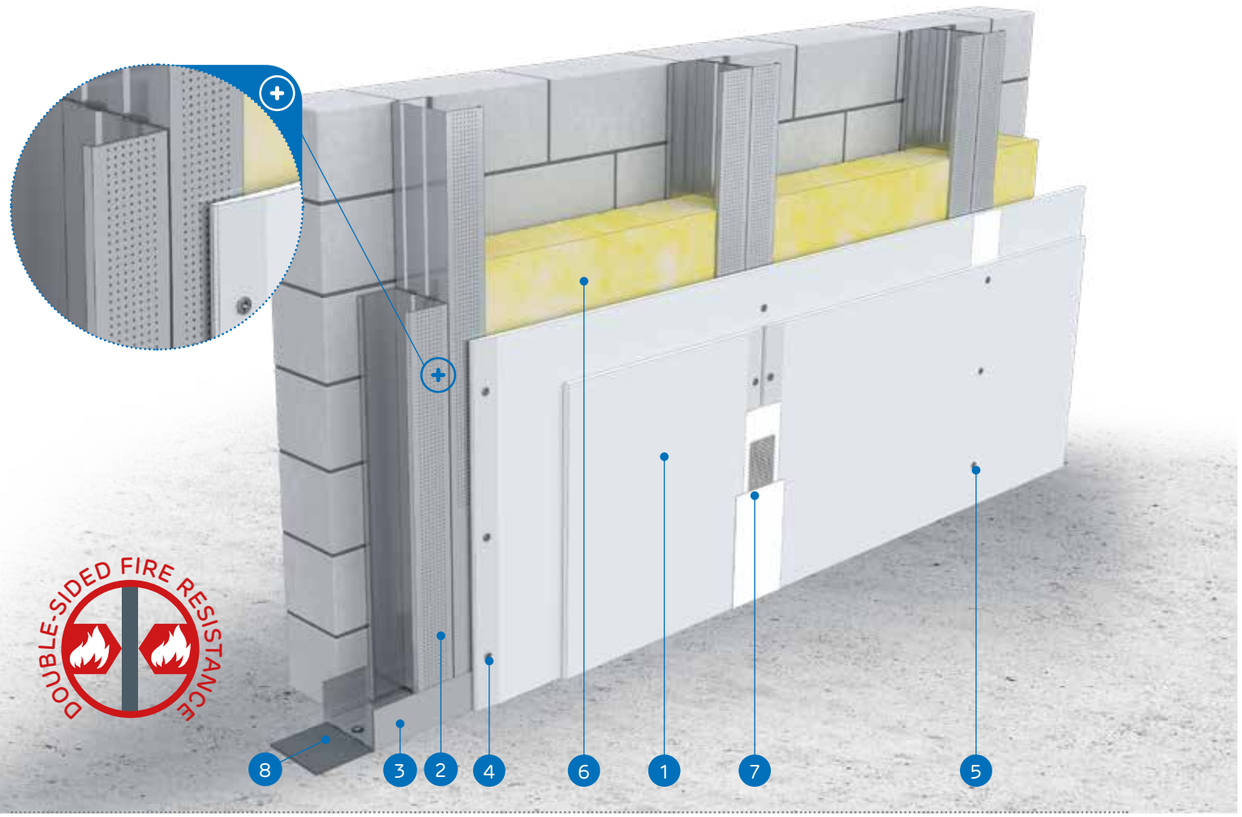
nida Tynk

Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	12 dB	5500 mm	20,0-34,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

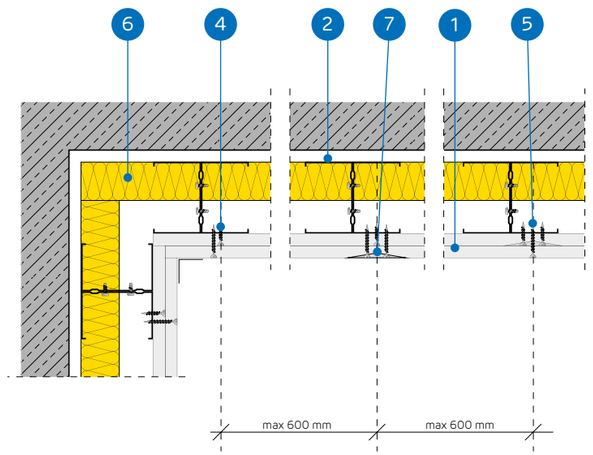
SYSTEMS:

CC75-25; CC75-27,5; CC75-30



MATERIALS:

1. Nida plasterboard
2. Nida 2x C75 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Insulation material mineral wool (optional)
7. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
8. Sealing tape for Nida acoustic insulation



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC75-25/Expert	Expert	2x12,5	A	2xC75	600	optional	-	-	5500	12	20.0	-	-
CC75-25/Woda [3]	Woda	2x12,5	H2	2xC75	600	optional	-	-	5500	12	20.0	-	-
CC75-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xC75	600	optional	-	-	5500	12	22.0	(R)EI30	-
CC75-25/Ogień+	Ogień Plus	2x12,5	DF	2xC75	600	optional	-	-	5500	12	24.0	(R)EI30	-
CC75-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xC75	600	optional	-	-	5500	12	24.0	(R)EI30	-
CC75-25/Cicha	Cicha	2x12,5	DFH1IR	2xC75	600	optional	-	-	5500	12	29.0	(R)EI30	●
CC75-25/Twarda	Twarda	2x12,5	DEFH1IR	2xC75	600	optional	-	-	5500	12	29.0	(R)EI30	●
CC75-25/Hydro	Hydro	2x12,5	GMFH1I	2xC75	600	optional	-	-	5500	12	25.0	(R)EI30	●
CC75-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xC75	600	optional	-	-	5500	12	28.0	(R)EI60	-
CC75-30/Ogień+	Ogień Plus	2x15,0	DF	2xC75	600	optional	-	-	5500	12	31.0	(R)EI60	-
CC75-30/Twarda	Twarda	2x15,0	DEFH1IR	2xC75	600	optional	-	-	5500	12	34.0	(R)EI60	●
CC75-30/Hydro	Hydro	2x15,0	GMFH1I	2xC75	600	optional	-	-	5500	12	31.0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		CC75-25/ Expert	CC75-25/ Woda	CC75-25/ OgieńTypF	CC75-25/ Ogień+	CC75-25/ WodaOgień+	CC75-25/ Cicha	CC75-25/ Twarda	CC75-25/ Hydro	CC75-27,5/ Ogień+	CC75-30/ Ogień+	CC75-30/ Twarda	CC75-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida C75 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U75 profile	lm	0.7	0.7	0,7	0.7	0.7	0.7	0.7	0.7	0,7	0.7	0.7	0.7
Anchoring element [5]	pcs.	0.9	0.9	0,9	0.9	0.9	0.9	0.9	0.9	0,9	0.9	0.9	0.9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	12,0	12,0	-	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0,6	0.6	0.6	0.6	0.6	0.6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.6	0.6	0,6	0.6	0.6	0,6	-	-	0,6	0.6	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	0.1	0.1	0,1	-	-	0,1	0.1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	-	0.7	0.7	-	-	0.7	0.7
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

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nida Tynk

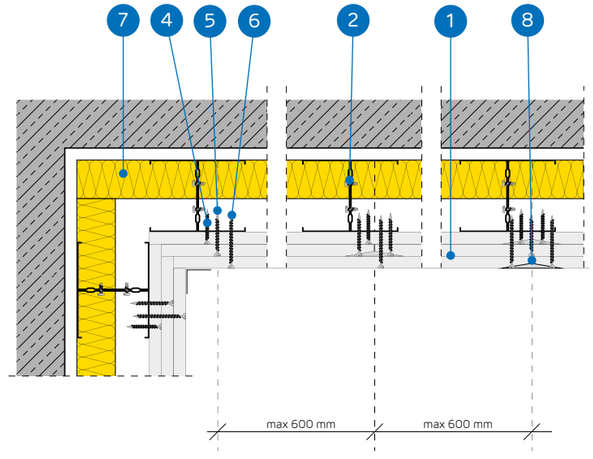
Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	12 dB	5500 mm	33,0-45,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
CC75-37,5; CC75-45

MATERIALS:

1. Nida plasterboard
2. Nida 2x C75 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Insulation material mineral wool (optional)
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC75-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xC75	600	optional	-	-	5500	12	33.0	(R)EI60	-
CC75-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xC75	600	optional	-	-	5500	12	33.0	(R)EI60	-
CC75-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xC75	600	optional	-	-	5500	12	41.0	(R)EI60	●
CC75-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xC75	600	optional	-	-	5500	12	41.0	(R)EI60	●
CC75-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xC75	600	optional	-	-	5500	12	35.0	(R)EI60	●
CC75-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	2xC75	600	optional	-	-	5500	12	45.0	(R)EI120	-
CC75-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	2xC75	600	optional	-	-	5500	12	45.0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		CC75-37,5/ Ogień+	CC75-37,5/ WodaOgień+	CC75-37,5/ Cicha	CC75-37,5/ Twarda	CC75-37,5/ Hydro	CC75-45/ Ogień+	CC75-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
Nida C75 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U75 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7
Anchoring element [4]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6
Nida Start gypsum putty	kg	0.9	0.9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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www.siniat.pl/kalkulatory

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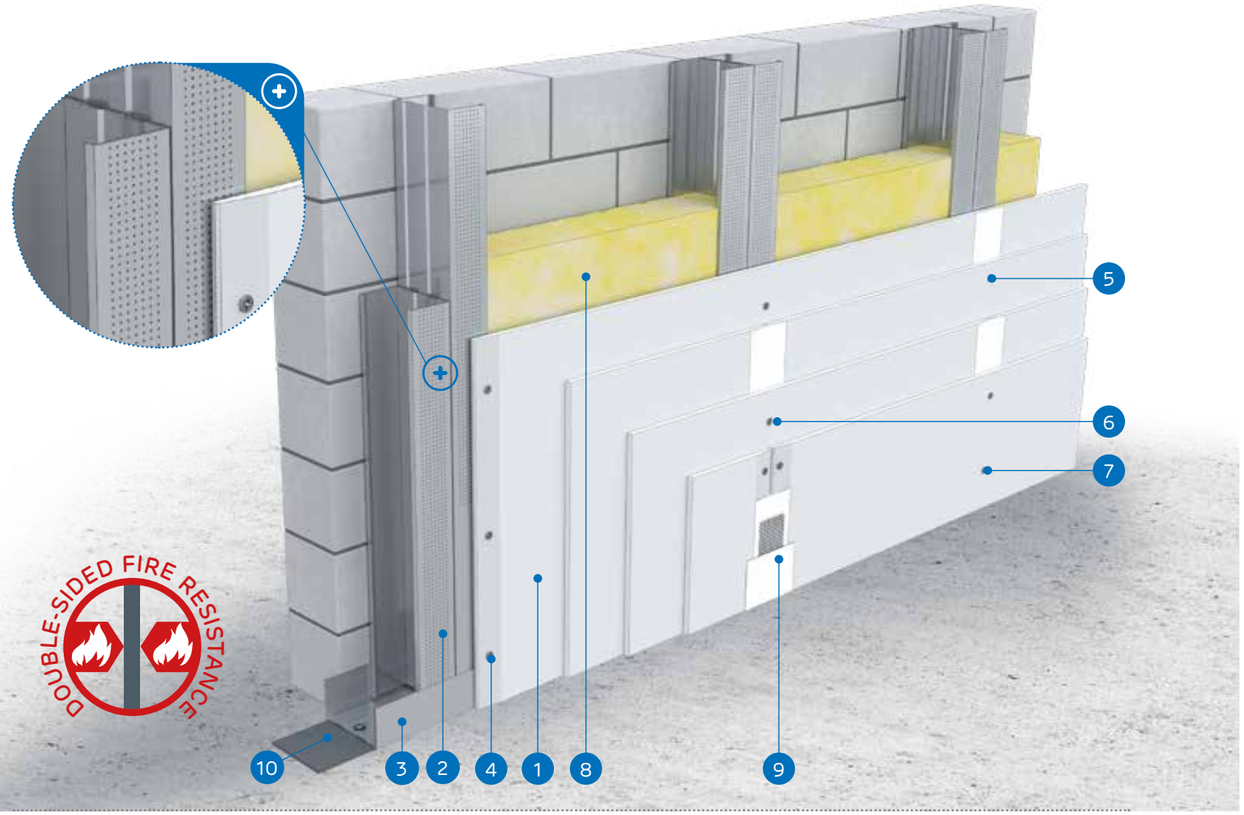
nida Tynk

Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI90 (R)EI120	12 dB	5500 mm	44,0-66,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

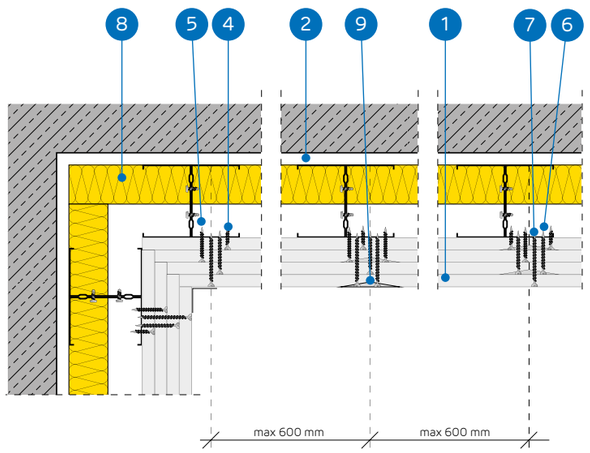
SYSTEMS:

CC75-50; CC75-55; CC75-60



MATERIALS:

1. Nida plasterboard
2. Nida 2x C75 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Nida 4.2x70 mm sheet metal screws
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC75-50/Ogień+	Ogień Plus	4x12,5	DF	2xC75	600	optional	-	-	5500	12	44.0	(R)EI90	-
CC75-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xC75	600	optional	-	-	5500	12	44.0	(R)EI90	-
CC75-50/Cicha	Cicha	4x12,5	DFH1IR	2xC75	600	optional	-	-	5500	12	55.0	(R)EI90	●
CC75-50/Twarda	Twarda	4x12,5	DEFH1IR	2xC75	600	optional	-	-	5500	12	55.0	(R)EI90	●
CC75-50/Hydro	Hydro	4x12,5	GMFH1I	2xC75	600	optional	-	-	5500	12	47.0	(R)EI90	●
CC75-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xC75	600	optional	-	-	5500	12	52,0	(R)EI120	-
CC75-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xC75	600	optional	-	-	5500	12	61,0	(R)EI120	●
CC75-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xC75	600	optional	-	-	5500	12	53,0	(R)EI120	●
CC75-60/Ogień+	Ogień Plus	4x15,0	DF	2xC75	600	optional	-	-	5500	12	58.0	(R)EI120	-
CC75-60/Twarda	Twarda	4x15,0	DEFH1IR	2xC75	600	optional	-	-	5500	12	66.0	(R)EI120	●
CC75-60/Hydro	Hydro	4x15,0	GMFH1I	2xC75	600	optional	-	-	5500	12	58.0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		CC75-50/ Ogień+	CC75-50/ WodaOgień+	CC75-50/ Cicha	CC75-50/ Twarda	CC75-50/ Hydro	CC75-55/ Ogień+	CC75-55/ Twarda	CC75-55/ Hydro	CC75-60/ Ogień+	CC75-60/ Twarda	CC75-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C75 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U75 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7	0,7	0.7	0.7	0.7
Anchoring element [3]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9	0,9	0.9	0.9	0.9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	-	-	0.1	-	-
Nida Hydromix ready-to-use joint filler [4]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [5]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[3] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[4] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[5] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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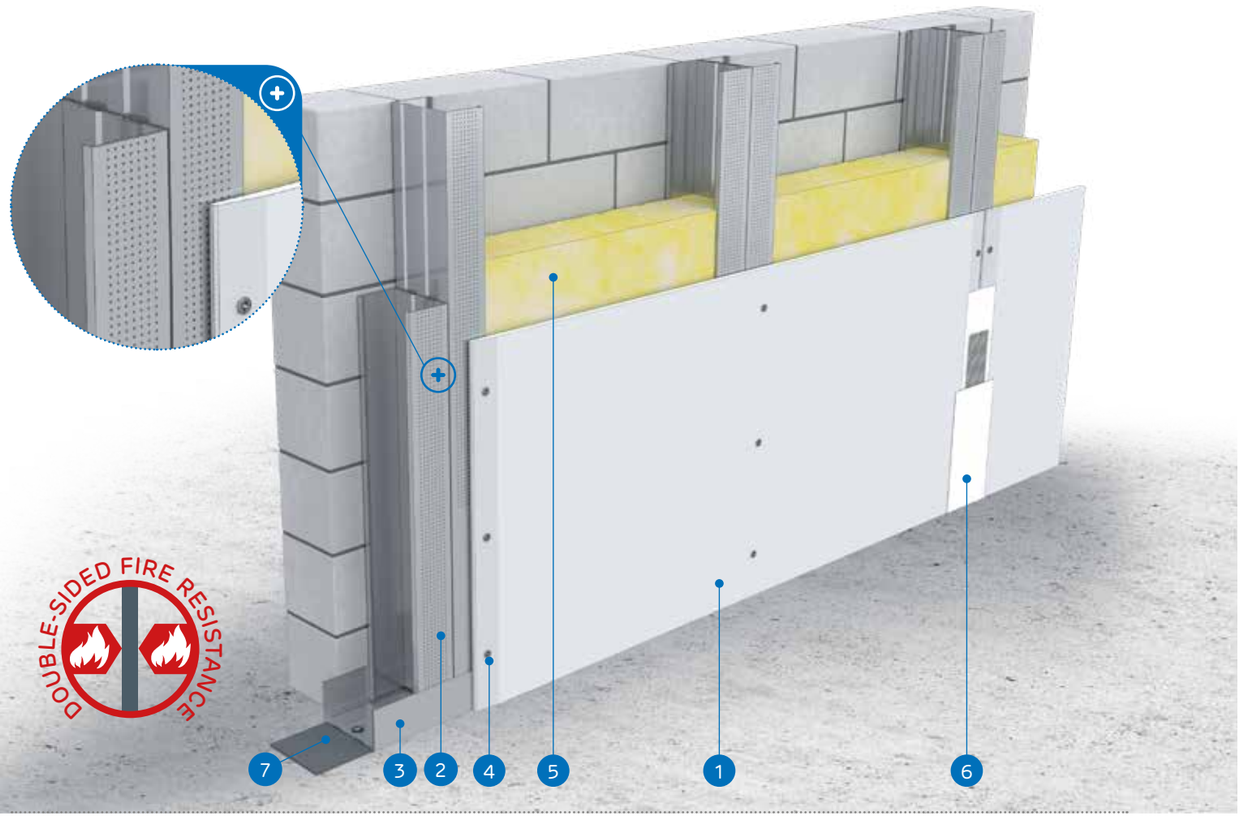
Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15 (R)EI30	12 dB	5500 mm	12,0-18,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

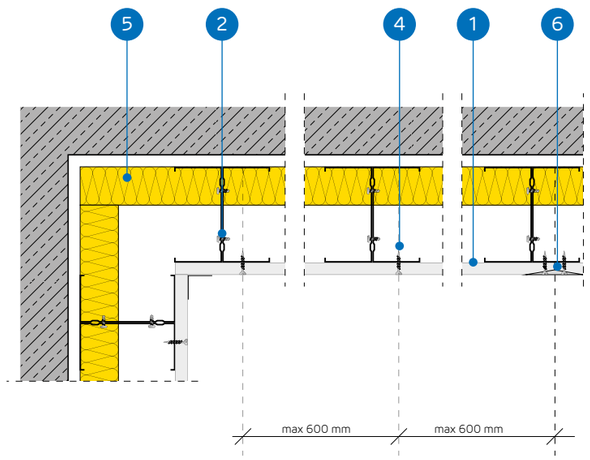
SYSTEMS:

CC100-12,5; CC100-18



MATERIALS:

1. Nida plasterboard
2. Nida 2x C100 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Insulation material mineral wool (optional)
6. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
7. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC100-12,5/Expert	Expert	12,5	A	2xC100	600	optional	-	-	5500	12	12.0	-	-
CC100-12,5/Woda [3]	Woda	12,5	H2	2xC100	600	optional	-	-	5500	12	12.0	-	-
CC100-12,5/Ogień+	Ogień Plus	12,5	DF	2xC100	600	optional	-	-	5500	12	14.0	(R)EI15	-
CC100-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xC100	600	optional	-	-	5500	12	14.0	(R)EI15	-
CC100-12,5/Cicha	Cicha	12,5	DFH1IR	2xC100	600	optional	-	-	5500	12	17.0	(R)EI15	●
CC100-12,5/Twarda	Twarda	12,5	DEFH1IR	2xC100	600	optional	-	-	5500	12	17.0	(R)EI15	●
CC100-12,5/Hydro	Hydro	12,5	GMFH1I	2xC100	600	optional	-	-	5500	12	15.0	(R)EI15	●
CC100-18/Ogień+	Ogień Plus	18,0	DF	2xC100	600	optional	-	-	5500	12	18.0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		CC100-12,5/ Expert	CC100-12,5/ Woda	CC100-12,5/ Ogień+	CC100-12,5/ WodaOgień+	CC100-12,5/ Cicha	CC100-12,5/ Twarda	CC100-12,5/ Hydro	CC100-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
Nida C100 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Anchoring element [4]	pcs.	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.3	0.3	0.3	0.3	0,3	-	-	0.3
Nida Finish gypsum putty	kg	0.1	0.1	0.1	0.1	0,1	-	-	0.1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	-	-	0.4	0.4	-
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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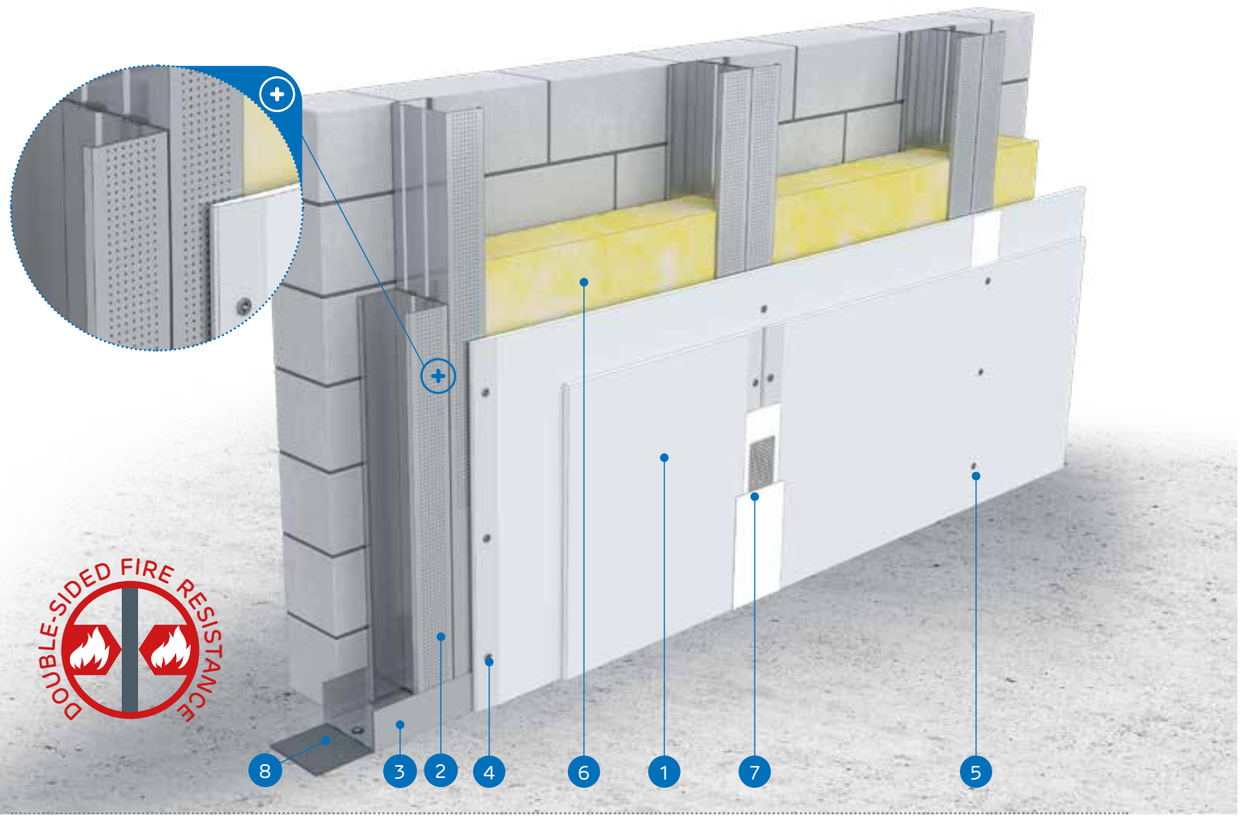
Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	12 dB	6500 mm	21,0-35,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

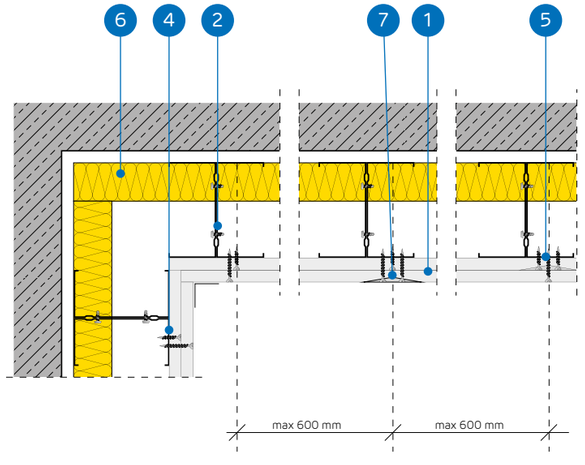
SYSTEMS:

CC100-25; CC100-27,5; CC100-30



MATERIALS:

1. Nida plasterboard
2. Nida 2x C100 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Insulation material mineral wool (optional)
7. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
8. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC100-25/Expert	Expert	2x12,5	A	2xC100	600	optional	-	-	6500	12	21.0	-	-
CC100-25/Woda [3]	Woda	2x12,5	H2	2xC100	600	optional	-	-	6500	12	21.0	-	-
CC100-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xC100	600	optional	-	-	6500	12	22.0	(R)EI30	-
CC100-25/Ogień+	Ogień Plus	2x12,5	DF	2xC100	600	optional	-	-	6500	12	25.0	(R)EI30	-
CC100-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xC100	600	optional	-	-	6500	12	25.0	(R)EI30	-
CC100-25/Cicha	Cicha	2x12,5	DFH1IR	2xC100	600	optional	-	-	6500	12	30.0	(R)EI30	●
CC100-25/Twarda	Twarda	2x12,5	DEFH1IR	2xC100	600	optional	-	-	6500	12	30.0	(R)EI30	●
CC100-25/Hydro	Hydro	2x12,5	GMFH1I	2xC100	600	optional	-	-	6500	12	26.0	(R)EI30	●
CC100-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xC100	600	optional	-	-	6500	12	29.0	(R)EI60	-
CC100-30/Ogień+	Ogień Plus	2x15,0	DF	2xC100	600	optional	-	-	6500	12	32.0	(R)EI60	-
CC100-30/Twarda	Twarda	2x15,0	DEFH1IR	2xC100	600	optional	-	-	6500	12	35.0	(R)EI60	●
CC100-30/Hydro	Hydro	2x15,0	GMFH1I	2xC100	600	optional	-	-	6500	12	32.0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		CC100-25/ Expert	CC100-25/ Woda	CC100-25/ OgieńTypF	CC100-25/ Ogień+	CC100-25/ WodaOgień+	CC100-25/ Cicha	CC100-25/ Twarda	CC100-25/ Hydro	CC100-27,5/ Ogień+	CC100-30/ Ogień+	CC100-30/ Twarda	CC100-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
Nida C100 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0.7	0.7	0,7	0.7	0.7	0.7	0.7	0.7	0,7	0.7	0.7	0.7
Anchoring element [5]	pcs.	0.9	0.9	0,9	0.9	0.9	0.9	0.9	0.9	0,9	0.9	0.9	0.9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	-	-	-	4,0	4,0	-	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	-	-	-	12,0	12,0	-	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0,6	0.6	0.6	0.6	0.6	0.6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	0.6	0.6	0,6	0.6	0.6	0,6	-	-	0,6	0.6	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	0.1	0.1	0,1	-	-	0,1	0.1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	-	0.7	0.7	-	-	0.7	0.7
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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nida Tynk

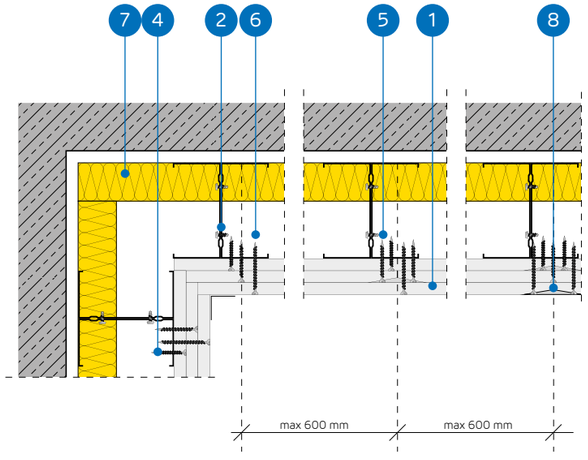
Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	12 dB	6500 mm	34,0-46,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
CC100-37,5; CC100-45

MATERIALS:

1. Nida plasterboard
2. Nida 2x C100 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Insulation material mineral wool (optional)
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Sealing tape for Nida acoustic insulation



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

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KONFEDERACJA BUDOWNICTWA I NIERUCHOMOŚCI

THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC100-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xC100	600	optional	-	-	6500	12	34.0	(R)EI60	-
CC100-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xC100	600	optional	-	-	6500	12	34.0	(R)EI60	-
CC100-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xC100	600	optional	-	-	6500	12	42.0	(R)EI60	●
CC100-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xC100	600	optional	-	-	6500	12	42.0	(R)EI60	●
CC100-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xC100	600	optional	-	-	6500	12	36.0	(R)EI60	●
CC100-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	2xC100	600	optional	-	-	6500	12	46.0	(R)EI120	-
CC100-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	2xC100	600	optional	-	-	6500	12	46.0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		CC100-37,5/ Ogień+	CC100-37,5/ WodaOgień+	CC100-37,5/ Cicha	CC100-37,5/ Twarda	CC100-37,5/ Hydro	CC100-45/ Ogień+	CC100-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
Nida C100 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7
Anchoring element [4]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	-	12,0	12,0
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	-
FixDens 4.2x60 mm screws	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6
Nida Start gypsum putty	kg	0.9	0.9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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Fire resistance class:	Increase of acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI90 (R)EI120	12 dB	6500 mm	45,0-67,0 kg	ETA 15/0301

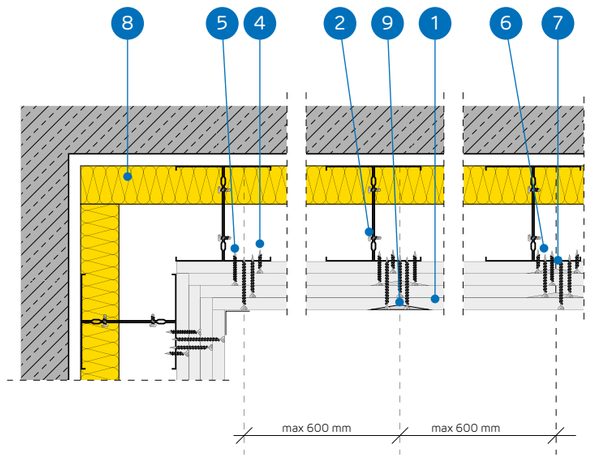
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:

CC100-50; CC100-55; CC100-60

MATERIALS:

1. Nida plasterboard
2. Nida 2x C100 profile (profiles screwed together by their webs with utilisation of FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm thick metal sheet)
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. Nida 3.5x55 mm sheet metal screws
7. Nida 4.2x70 mm sheet metal screws
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE DOUBLED NIDA CC100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Increase of acoustic insulation	Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation							
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	ΔRw max [dB]	[kg]	[min]	
CC100-50/Ogień+	Ogień Plus	4x12,5	DF	2xC100	600	optional	-	-	6500	12	45.0	(R)EI90	-
CC100-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xC100	600	optional	-	-	6500	12	45.0	(R)EI90	-
CC100-50/Cicha	Cicha	4x12,5	DFH1IR	2xC100	600	optional	-	-	6500	12	56.0	(R)EI90	●
CC100-50/Twarda	Twarda	4x12,5	DEFH1IR	2xC100	600	optional	-	-	6500	12	56.0	(R)EI90	●
CC100-50/Hydro	Hydro	4x12,5	GMFH1I	2xC100	600	optional	-	-	6500	12	48.0	(R)EI90	●
CC100-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xC100	600	optional	-	-	6500	12	53,0	(R)EI120	-
CC100-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xC100	600	optional	-	-	6500	12	62,0	(R)EI120	●
CC100-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xC100	600	optional	-	-	6500	12	54,0	(R)EI120	●
CC100-60/Ogień+	Ogień Plus	4x15,0	DF	2xC100	600	optional	-	-	6500	12	59.0	(R)EI120	-
CC100-60/Twarda	Twarda	4x15,0	DEFH1IR	2xC100	600	optional	-	-	6500	12	67.0	(R)EI120	●
CC100-60/Hydro	Hydro	4x15,0	GMFH1I	2xC100	600	optional	-	-	6500	12	59.0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		CC100-50/ Ogień+	CC100-50/ WodaOgień+	CC100-50/ Cicha	CC100-50/ Twarda	CC100-50/ Hydro	CC100-55/ Ogień+	CC100-55/ Twarda	CC100-55/ Hydro	CC100-60/ Ogień+	CC100-60/ Twarda	CC100-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
Nida C100 profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0.7	0.7	0.7	0.7	0.7	0,7	0,7	0,7	0.7	0.7	0.7
Anchoring element [3]	pcs.	0.9	0.9	0.9	0.9	0.9	0,9	0,9	0,9	0.9	0.9	0.9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0	6,0
Nida 3.5x25 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm sheet metal screws	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm sheet metal screws	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm sheet metal screws	pcs.	12,0	12,0	-	-	-	12,0	-	-	12,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.2x60 mm screws	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
FixDens 4.5x80 mm screws	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm sheet metal screws	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 4.2x70 mm sheet metal screws	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0.6	0.6	0.6	0.6	0.6	0,6	0,6	0,6	0.6	0.6	0.6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0.1	0.1	0,1	-	-	0,1	-	-	0.1	-	-
Nida Hydromix ready-to-use joint filler [4]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [5]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[3] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[4] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[5] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

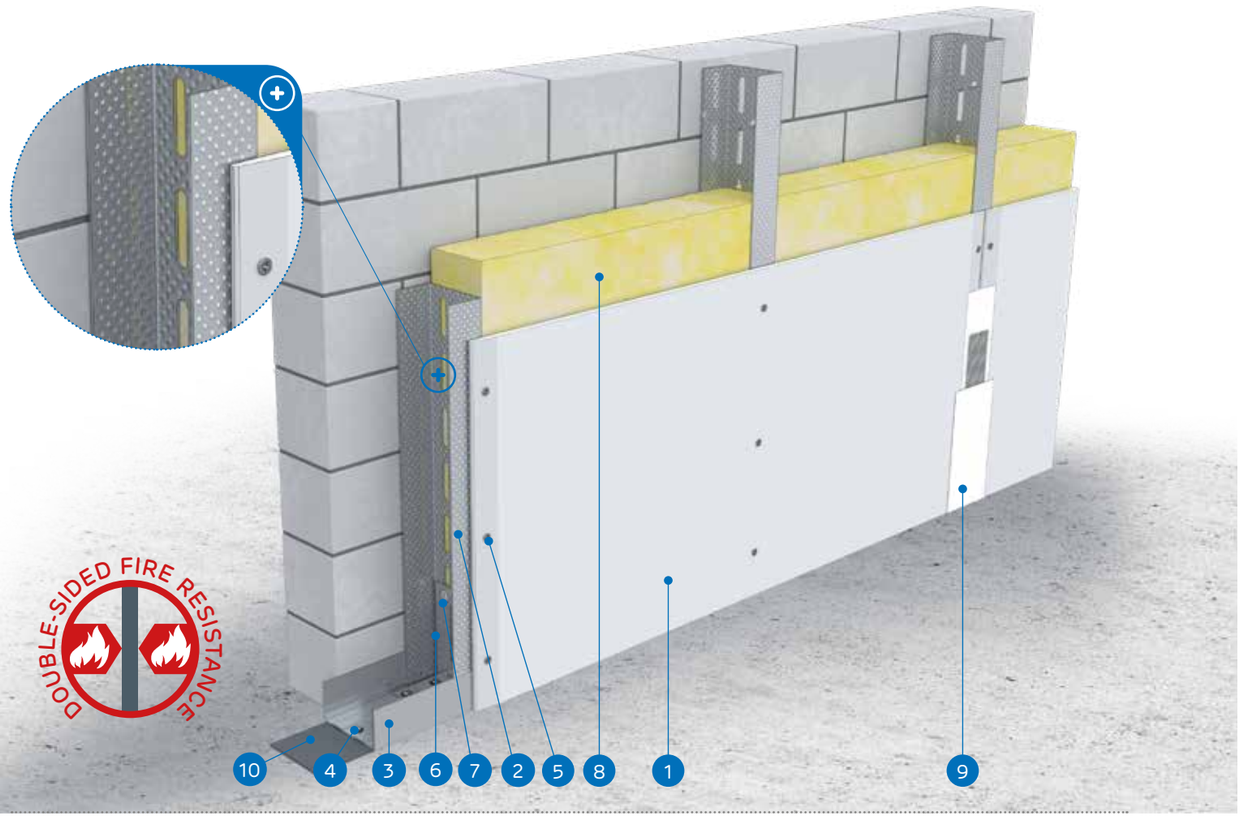
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15 (R)EI30	49 dB	3880 mm	12,0-19,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

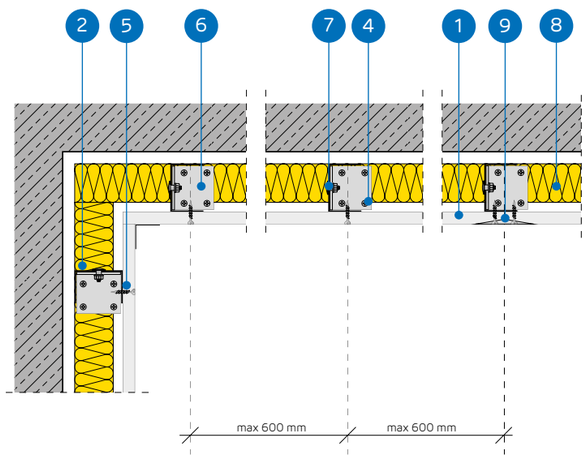
SYSTEMS:

UAR50-12,5; UAR50-18



MATERIALS:

1. Nida plasterboard
2. Nida UAR50 profile
3. Nida U50 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Angle profile for UA50 profiles
7. FLAT HEAD M8 bolt with serrated nut
8. Insulation material mineral wool
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR50 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR50-12,5/Expert	Expert	12,5	A	UAR50	600	glass / rock	50	12	3880	34	32	28	12,0	-	-
UAR50-12,5/Woda [3]	Woda	12,5	H2	UAR50	600	glass / rock	50	12	3880	34	32	28	12,0	-	-
UAR50-12,5/Ogień+	Ogień Plus	12,5	DF	UAR50	600	glass / rock	50	12	3880	36	34	30	14,0	(R)EI15	-
UAR50-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	UAR50	600	glass / rock	50	12	3880	36	34	30	14,0	(R)EI15	-
UAR50-12,5/Cicha	Cicha	12,5	DFH1IR	UAR50	600	glass / rock	50	12	3880	49 [4]	48	43	17,0	(R)EI15	●
UAR50-12,5/Twarda	Twarda	12,5	DEFH1IR	UAR50	600	glass / rock	50	12	3880	49 [4]	47	43	17,0	(R)EI15	●
UAR50-12,5/Hydro	Hydro	12,5	GMFH1I	UAR50	600	glass / rock	50	12	3880	36	34	30	15,0	(R)EI15	●
UAR50-18/Ogień+	Ogień Plus	18,0	DF	UAR50	600	glass / rock	50	12	3880	36	34	30	19,0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		UAR50-12,5/ Expert	UAR50-12,5/ Woda	UAR50-12,5/ Ogień+	UAR50-12,5/ WodaOgień+	UAR50-12,5/ Cicha	UAR50-12,5/ Twarda	UAR50-12,5/ Hydro	UAR50-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
NIDA UAR50 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA50 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	0,4	0,4	-
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

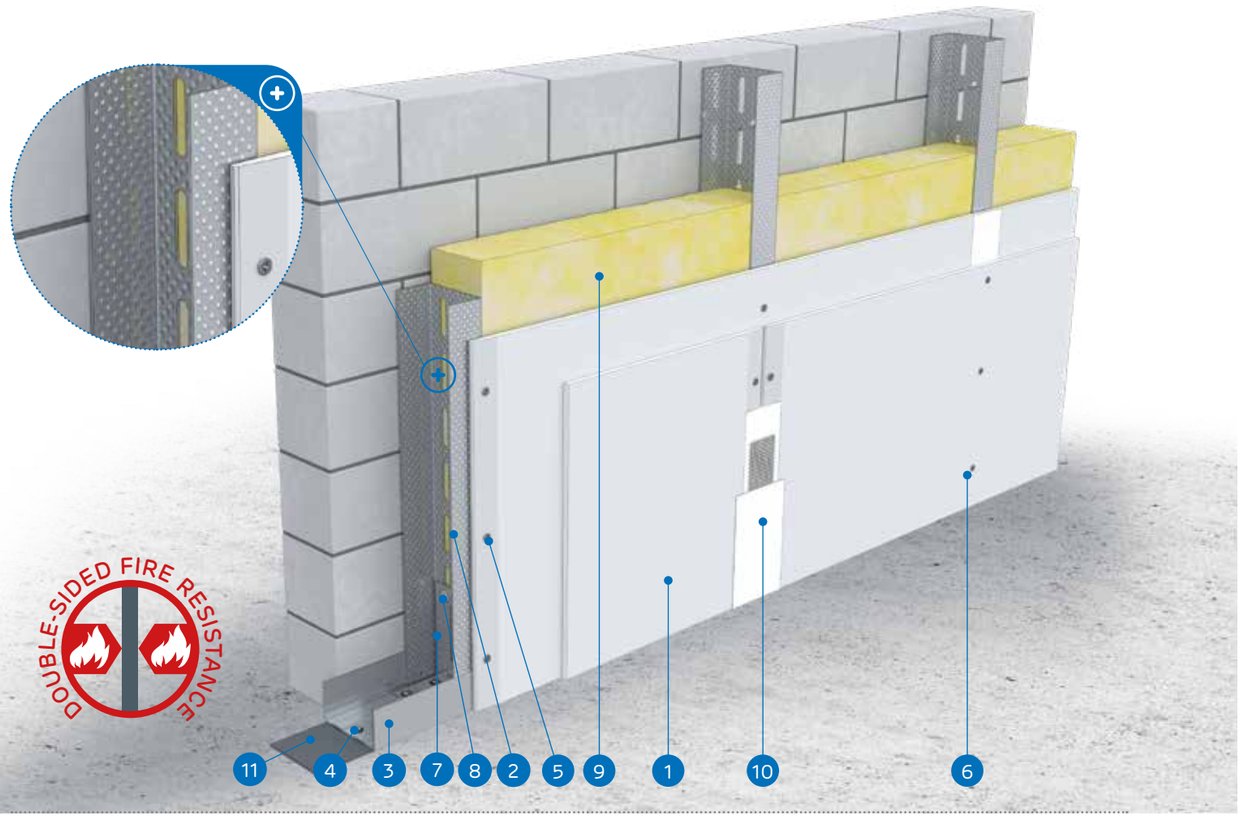
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	50 dB	4050 mm	20,0-35,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

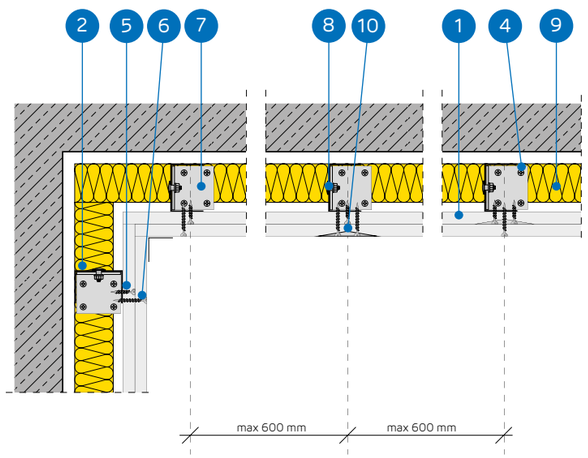
SYSTEMS:

UAR50-25; UAR50-27,5; UAR50-30



MATERIALS:

1. Nida plasterboard
2. Nida UAR50 profile
3. Nida U50 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA50 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR50 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR50-25/Expert	Expert	2x12,5	A	UAR50	600	glass / rock	50	12	4050	37	35	31	20,0	-	-
UAR50-25/Woda [3]	Woda	2x12,5	H2	UAR50	600	glass / rock	50	12	4050	37	35	31	20,0	-	-
UAR50-25/OgieńTypF	Ogień Typ F	2x12,5	F	UAR50	600	glass / rock	50	12	4050	37	35	31	21,0	(R)EI30	-
UAR50-25/Ogień+	Ogień Plus	2x12,5	DF	UAR50	600	glass / rock	50	12	4050	40	38	35	24,0	(R)EI30	-
UAR50-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	UAR50	600	glass / rock	50	12	4050	40	38	35	24,0	(R)EI30	-
UAR50-25/Cicha	Cicha	2x12,5	DFH1IR	UAR50	600	glass / rock	50	12	4050	50 [5]	49	47	30,0	(R)EI30	●
UAR50-25/Twarda	Twarda	2x12,5	DEFH1IR	UAR50	600	glass / rock	50	12	4050	50 [5]	49	46	30,0	(R)EI30	●
UAR50-25/Hydro	Hydro	2x12,5	GMFH1I	UAR50	600	glass / rock	50	12	4050	40	38	35	26,0	(R)EI30	●
UAR50-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	UAR50	600	glass / rock	50	12	4050	40	38	35	28,0	(R)EI60	-
UAR50-30/Ogień+	Ogień Plus	2x15	DF	UAR50	600	glass / rock	50	12	4050	41	40	37	31,0	(R)EI60	-
UAR50-30/Twarda	Twarda	2x15	DEFH1IR	UAR50	600	glass / rock	50	12	4050	49 [5]	48	46	35,0	(R)EI60	●
UAR50-30/Hydro	Hydro	2x15	GMFH1I	UAR50	600	glass / rock	50	12	4050	41	40	37	31,0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		UAR50-25/ Expert	UAR50-25/ Woda	UAR50-25/ OgieńTypF	UAR50-25/ Ogień+	UAR50-25/ WodaOgień+	UAR50-25/ Cicha	UAR50-25/ Twarda	UAR50-25/ Hydro	UAR50-27,5/ Ogień+	UAR50-30/ Ogień+	UAR50-30/ Twarda	UAR50-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
NIDA UAR50 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA50 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [6]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	16,0	16,0	-	-	-	16,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

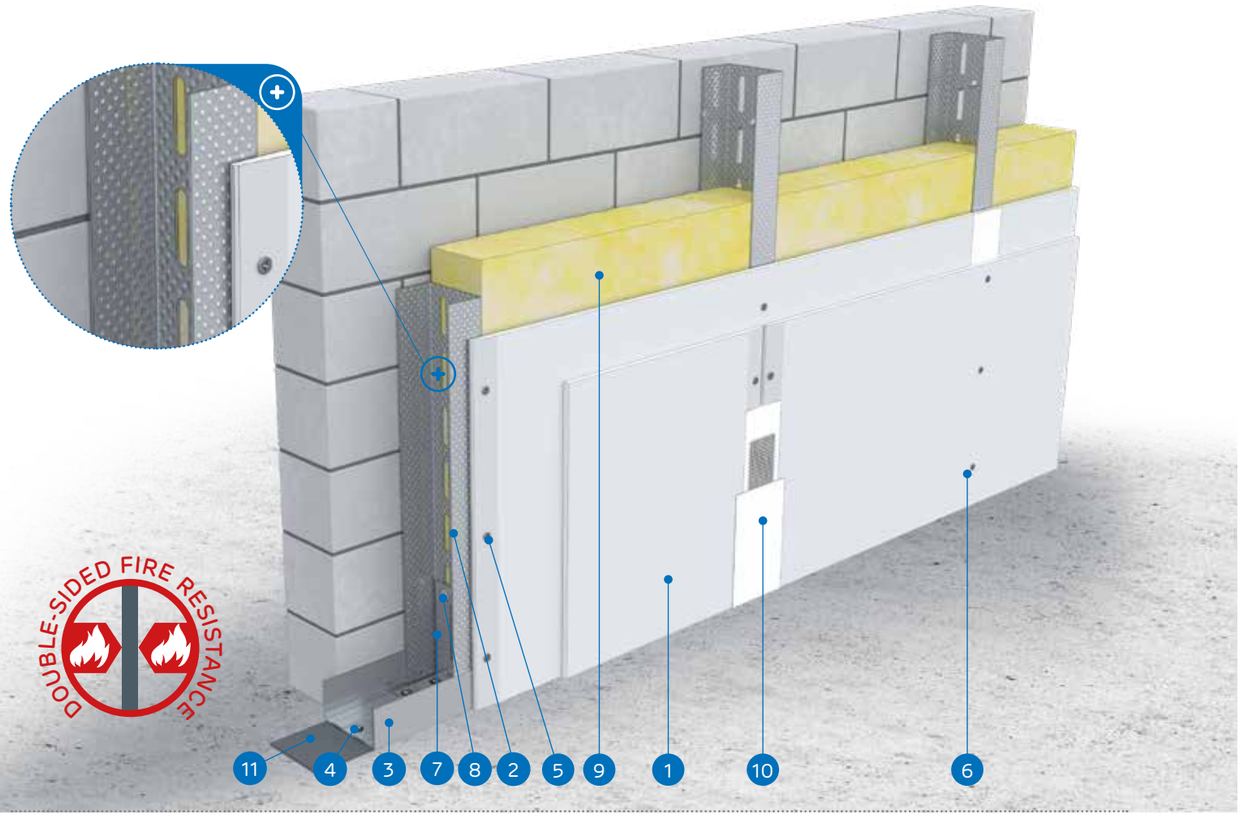
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	52 dB	4050 mm	34,0-45,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

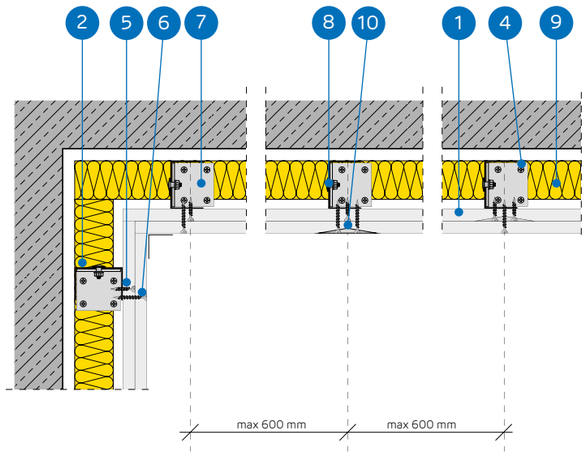
SYSTEMS:

UAR50-37,5; UAR50-45



MATERIALS:

1. Nida plasterboard
2. Nida UAR50 profile
3. Nida U50 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA50 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR50 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR50-37,5/Ogień+	Ogień Plus	3x12,5	DF	UAR50	600	glass / rock	50	12	4050	41	40	37	34,0	(R)EI60	-
UAR50-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	UAR50	600	glass / rock	50	12	4050	41	40	37	34,0	(R)EI60	-
UAR50-37,5/Cicha	Cicha	3x12,5	DFH1IR	UAR50	600	glass / rock	50	12	4050	51 [4]	50	48	43,0	(R)EI60	●
UAR50-37,5/Twarda	Twarda	3x12,5	DEFH1IR	UAR50	600	glass / rock	50	12	4050	50 [4]	50	47	43,0	(R)EI60	●
UAR50-37,5/Hydro	Hydro	3x12,5	GMFH1I	UAR50	600	glass / rock	50	12	4050	41	40	37	37,0	(R)EI60	●
UAR50-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	UAR50	600	glass / rock	50	12	4050	41	40	37	45,0	(R)EI120	-
UAR50-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	UAR50	600	glass / rock	50	12	4050	41	40	37	45,0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		UAR50-37,5/ Ogień+	UAR50-37,5/ WodaOgień+	UAR50-37,5/ Cicha	UAR50-37,5/ Twarda	UAR50-37,5/ Hydro	UAR50-45/ Ogień+	UAR50-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
NIDA UAR50 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA50 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	12,0	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-			12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk

Fire resistance class: (R)EI90 (R)EI120

Maximum acoustic insulation: 51 dB

Maximum encasement height: 4050 mm

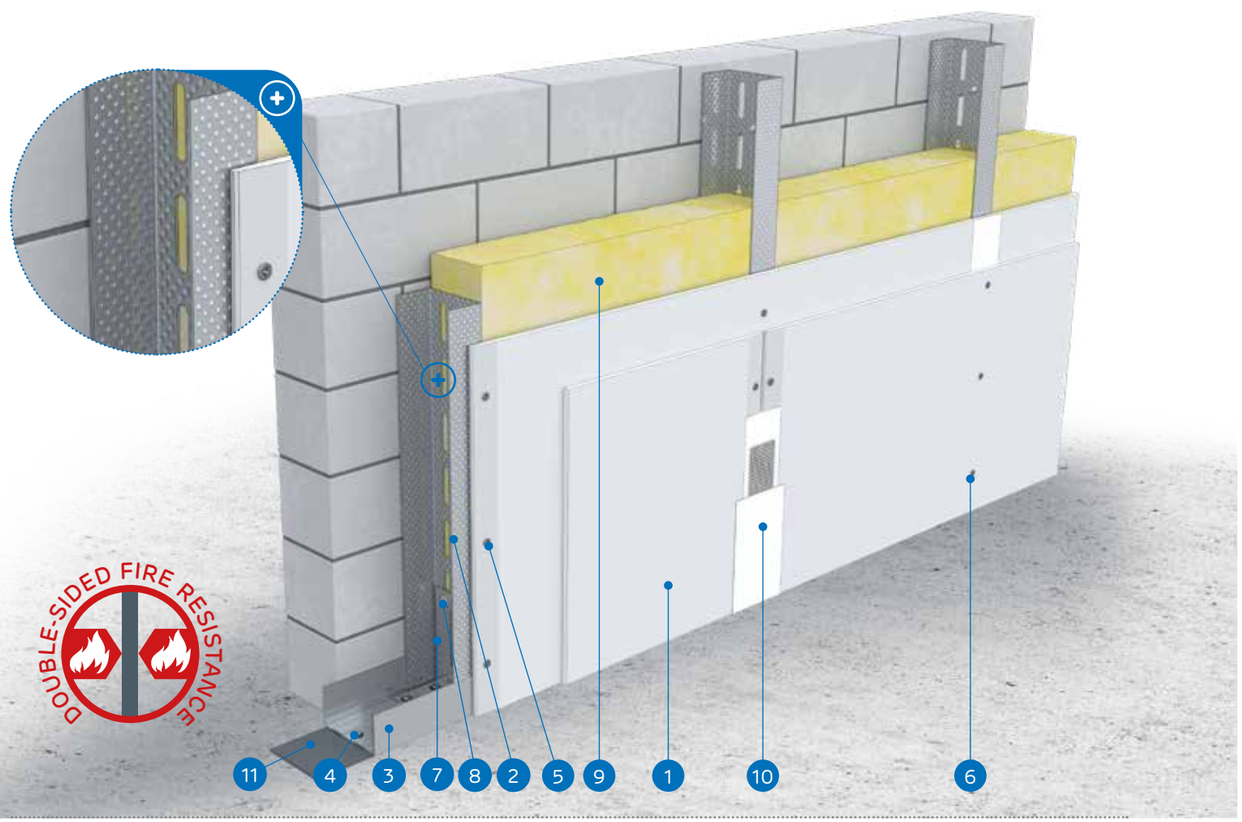
Weight of 1m² of encasement: 45,0-66,0 kg

Number of related document: Fire classification

Fire classification: LBO-074-KZ/22

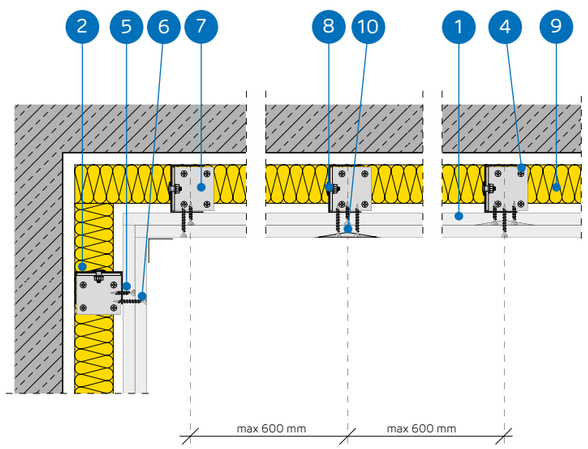
SYSTEMS:

UAR50-50; UAR50-55; UAR50-60



MATERIALS:

1. Nida plasterboard
2. Nida UAR50 profile
3. Nida U50 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA50 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR50 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR50-50/Ogień+	Ogień Plus	4x12,5	DF	UAR50	600	glass / rock	50	14	4050	41	40	38	45,0	(R)EI90	-
UAR50-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	UAR50	600	glass / rock	50	14	4050	41	40	38	45,0	(R)EI90	-
UAR50-50/Cicha	Cicha	4x12,5	DFH1IR	UAR50	600	glass / rock	50	14	4050	51 [3]	51	49	56,0	(R)EI90	●
UAR50-50/Twarda	Twarda	4x12,5	DEFH1IR	UAR50	600	glass / rock	50	14	4050	51 [3]	50	48	56,0	(R)EI90	●
UAR50-50/Hydro	Hydro	4x12,5	GMFH1I	UAR50	600	glass / rock	50	14	4050	41	40	38	48,0	(R)EI90	●
UAR50-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	UAR50	600	glass / rock	50	14	4050	41	40	38	52,0	(R)EI120	-
UAR50-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	UAR50	600	glass / rock	50	14	4050	51 [3]	50	48	61,0	(R)EI120	●
UAR50-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	UAR50	600	glass / rock	50	14	4050	41	40	38	53,0	(R)EI120	●
UAR50-60/Ogień+	Ogień Plus	4x15,0	DF	UAR50	600	glass / rock	50	14	4050	42	41	39	59,0	(R)EI120	-
UAR50-60/Twarda	Twarda	4x15,0	DEFH1IR	UAR50	600	glass / rock	50	14	4050	51 [3]	50	48	66,0	(R)EI120	●
UAR50-60/Hydro	Hydro	4x15,0	GMFH1I	UAR50	600	glass / rock	50	14	4050	42	41	39	59,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		UAR50-50/ Ogień+	UAR50-50/ WodaOgień+	UAR50-50/ Cicha	UAR50-50/ Twarda	UAR50-50/ Hydro	UAR50-55/ Ogień+	UAR50-55/ Twarda	UAR50-55/ Hydro	UAR50-60/ Ogień+	UAR50-60/ Twarda	UAR50-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0		-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
NIDA UAR50 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA50 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0				12,0	-	-	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	8,0	-	-	8,0	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
Nida Twarda 4.2x75 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Twarda 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	-	-	0,1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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nida Tynk

Fire resistance class: (R)EI15 (R)EI30

Maximum acoustic insulation: 50 dB

Maximum encasement height: 5130 mm

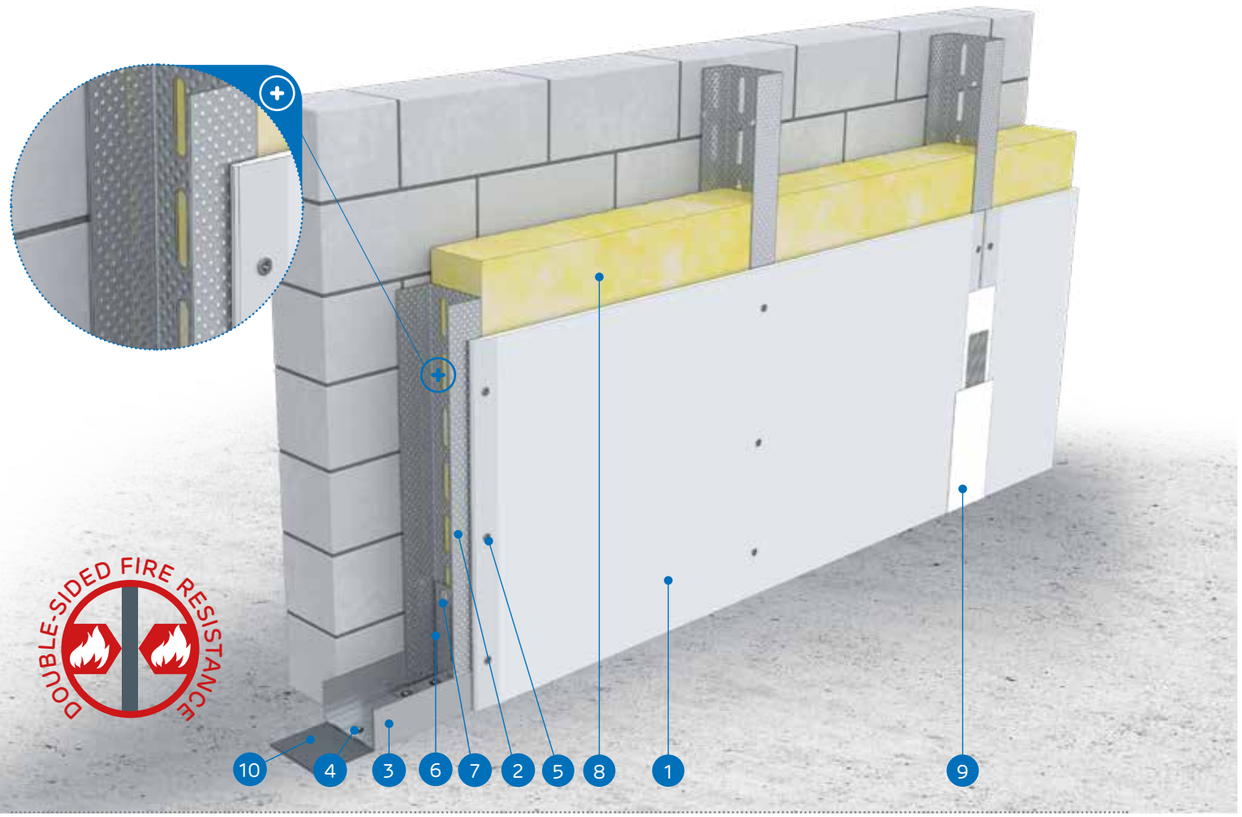
Weight of 1m² of encasement: 13,0-20,0 kg

Number of related document: Fire classification

Fire classification: LBO-074-KZ/22

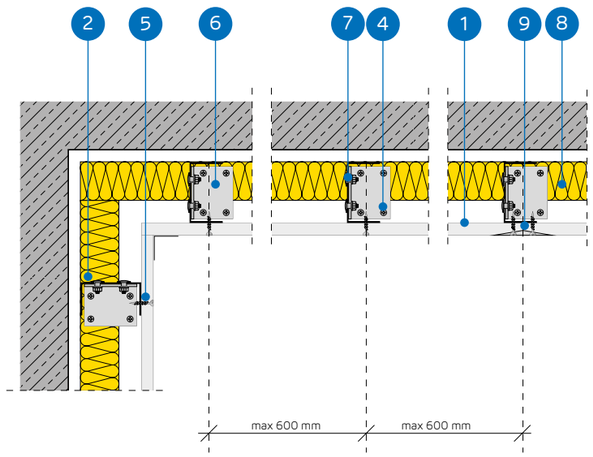
SYSTEMS:

UAR75-12,5; UAR75-18



MATERIALS:

1. Nida plasterboard
2. Nida UAR75 profile
3. Nida U75 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Angle profile for UA75 profiles
7. FLAT HEAD M8 bolt with serrated nut
8. Insulation material mineral wool
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR75 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR75-12,5/Expert	Expert	12,5	A	UAR75	600	glass / rock	50	12	5130	34	32	28	13,0	-	-
UAR75-12,5/Woda [3]	Woda	12,5	H2	UAR75	600	glass / rock	50	12	5130	34	32	28	13,0	-	-
UAR75-12,5/Ogień+	Ogień Plus	12,5	DF	UAR75	600	glass / rock	50	12	5130	36	34	30	15,0	(R)EI15	-
UAR75-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	UAR75	600	glass / rock	50	12	5130	36	34	30	15,0	(R)EI15	-
UAR75-12,5/Cicha	Cicha	12,5	DFH1IR	UAR75	600	glass / rock	75	12	5130	50 [4]	49	46	18,0	(R)EI15	●
UAR75-12,5/Twarda	Twarda	12,5	DEFH1IR	UAR75	600	glass / rock	75	12	5130	49 [4]	48	45	18,0	(R)EI15	●
UAR75-12,5/Hydro	Hydro	12,5	GMFH1I	UAR75	600	glass / rock	50	12	5130	36	34	30	16,0	(R)EI15	●
UAR75-18/Ogień+	Ogień Plus	18,0	DF	UAR75	600	glass / rock	50	12	5130	36	34	30	20,0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		UAR75-12,5/ Expert	UAR75-12,5/ Woda	UAR75-12,5/ Ogień+	UAR75-12,5/ WodaOgień+	UAR75-12,5/ Cicha	UAR75-12,5/ Twarda	UAR75-12,5/ Hydro	UAR75-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
NIDA UAR75 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA75 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	0,4	0,4	-
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

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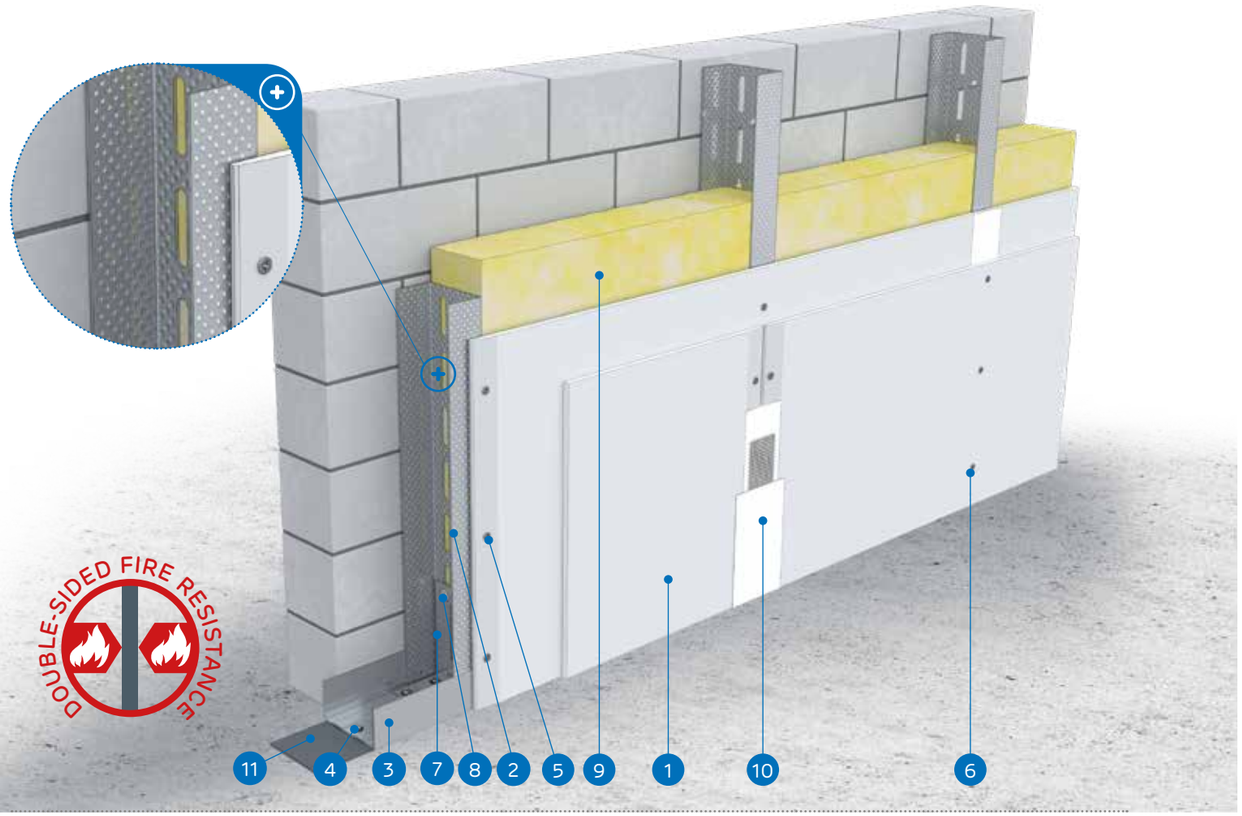
Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	50 dB	5170 mm	21,0-36,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

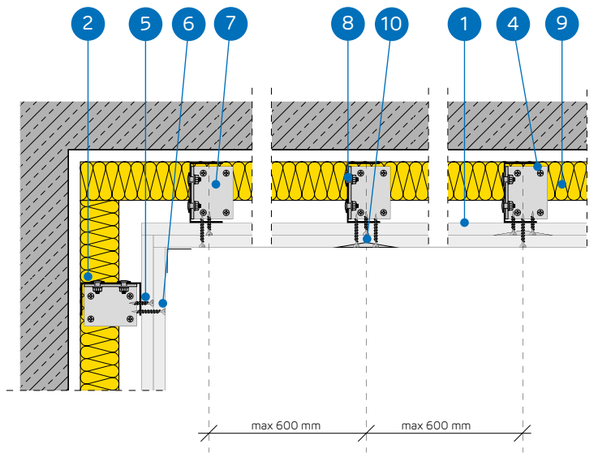
SYSTEMS:

UAR75-25; UAR75-27,5; UAR75-30



MATERIALS:

1. Nida plasterboard
2. Nida UAR75 profile
3. Nida U75 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA75 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR75 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR75-25/Expert	Expert	2x12,5	A	UAR75	600	glass / rock	50	12	5170	37	35	31	21,0	-	-
UAR75-25/Woda [3]	Woda	2x12,5	H2	UAR75	600	glass / rock	50	12	5170	37	35	31	21,0	-	-
UAR75-25/OgieńTypF	Ogień Typ F	2x12,5	F	UAR75	600	glass / rock	50	12	5170	37	35	31	22,0	(R)EI30	-
UAR75-25/Ogień+	Ogień Plus	2x12,5	DF	UAR75	600	glass / rock	50	12	5170	40	38	35	25,0	(R)EI30	-
UAR75-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	UAR75	600	glass / rock	50	12	5170	40	38	35	25,0	(R)EI30	-
UAR75-25/Cicha	Cicha	2x12,5	DFH1IR	UAR75	600	glass / rock	75	12	5170	50 [5]	50	48	31,0	(R)EI30	●
UAR75-25/Twarda	Twarda	2x12,5	DEFH1IR	UAR75	600	glass / rock	75	12	5170	50 [5]	49	47	31,0	(R)EI30	●
UAR75-25/Hydro	Hydro	2x12,5	GMFH1I	UAR75	600	glass / rock	50	12	5170	40	38	35	27,0	(R)EI30	●
UAR75-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	UAR75	600	glass / rock	50	12	5170	40	38	35	29,0	(R)EI60	-
UAR75-30/Ogień+	Ogień Plus	2x15	DF	UAR75	600	glass / rock	50	12	5170	41	40	37	32,0	(R)EI60	-
UAR75-30/Twarda	Twarda	2x15	DEFH1IR	UAR75	600	glass / rock	75	12	5170	49 [5]	49	47	36,0	(R)EI60	●
UAR75-30/Hydro	Hydro	2x15	GMFH1I	UAR75	600	glass / rock	50	12	5170	41	40	37	32,0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		UAR75-25/ Expert	UAR75-25/ Woda	UAR75-25/ OgieńTypF	UAR75-25/ Ogień+	UAR75-25/ WodaOgień+	UAR75-25/ Cicha	UAR75-25/ Twarda	UAR75-25/ Hydro	UAR75-27,5/ Ogień+	UAR75-30/ Ogień+	UAR75-30/ Twarda	UAR75-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
NIDA UAR75 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA75 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [6]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	16,0	16,0	-	-	-	16,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

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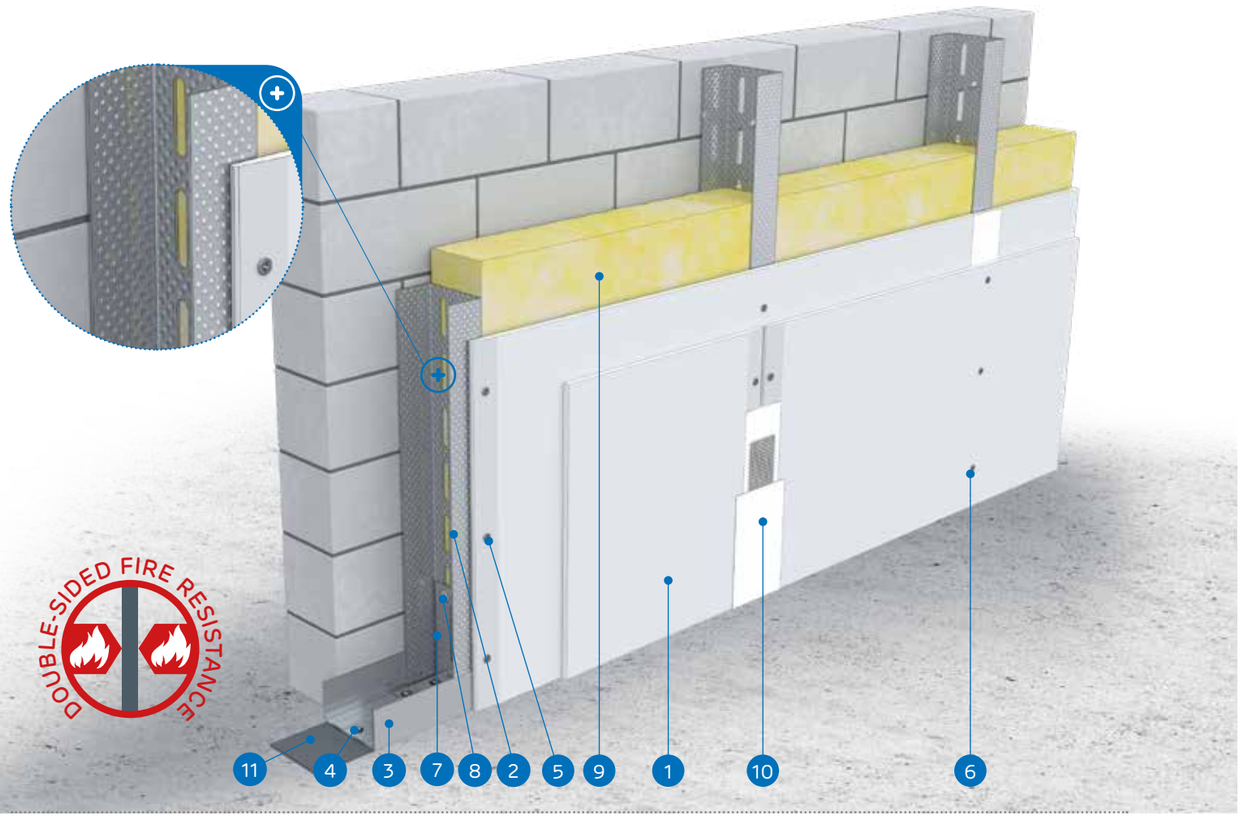
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	51 dB	5170 mm	35,0-46,0 kg	Fire classification

Fire classification: LBO-074-KZ/22

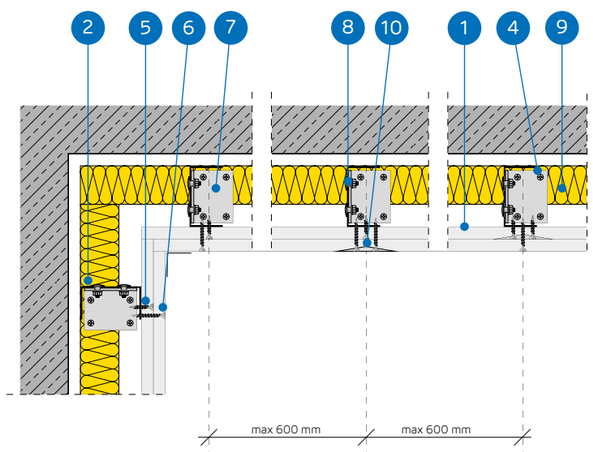
SYSTEMS:

UAR75-37,5; UAR75-45



MATERIALS:

1. Nida plasterboard
2. Nida UAR75 profile
3. Nida U75 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA75 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR75 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR75-37,5/Ogień+	Ogień Plus	3x12,5	DF	UAR75	600	glass / rock	50	12	5170	41	40	37	35,0	(R)EI60	-
UAR75-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	UAR75	600	glass / rock	50	12	5170	41	40	37	35,0	(R)EI60	-
UAR75-37,5/Cicha	Cicha	3x12,5	DFH1IR	UAR75	600	glass / rock	75	12	5170	51 [4]	50	48	44,0	(R)EI60	●
UAR75-37,5/Twarda	Twarda	3x12,5	DEFH1IR	UAR75	600	glass / rock	75	12	5170	50 [4]	50	48	44,0	(R)EI60	●
UAR75-37,5/Hydro	Hydro	3x12,5	GMFH1I	UAR75	600	glass / rock	50	12	5170	41	40	37	38,0	(R)EI60	●
UAR75-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	UAR75	600	glass / rock	50	12	5170	41	40	37	46,0	(R)EI120	-
UAR75-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	UAR75	600	glass / rock	50	12	5170	41	40	37	46,0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		UAR75-37,5/ Ogień+	UAR75-37,5/ WodaOgień+	UAR75-37,5/ Cicha	UAR75-37,5/ Twarda	UAR75-37,5/ Hydro	UAR75-45/ Ogień+	UAR75-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
NIDA UAR75 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA75 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	12,0	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk

Fire resistance class: (R)EI90 (R)EI120

Maximum acoustic insulation: 51 dB

Maximum encasement height: 5170 mm

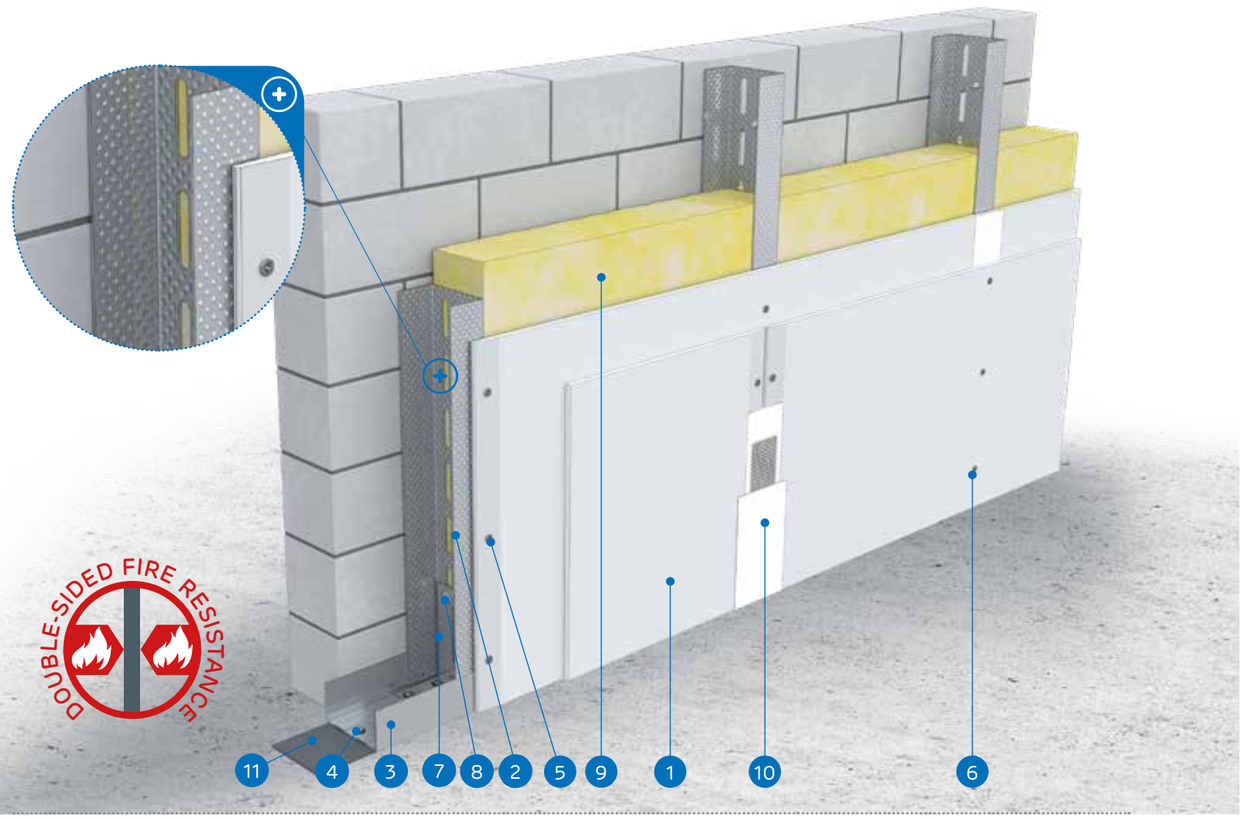
Weight of 1m² of encasement: 46,0-68,0 kg

Number of related document: Fire classification

Fire classification: LBO-074-KZ/22

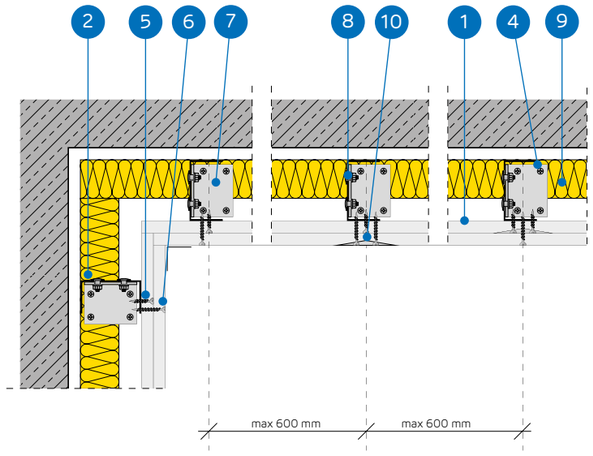
SYSTEMS:

UAR75-50; UAR75-55; UAR75-60



MATERIALS:

1. Nida plasterboard
2. Nida UAR75 profile
3. Nida U75 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA75 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR75 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR75-50/Ogień+	Ogień Plus	4x12,5	DF	UAR75	600	glass / rock	75	14	5170	43	41	38	46,0	(R)EI90	-
UAR75-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	UAR75	600	glass / rock	75	14	5170	43	41	38	46,0	(R)EI90	-
UAR75-50/Cicha	Cicha	4x12,5	DFH1IR	UAR75	600	glass / rock	75	14	5170	51 [3]	51	49	57,0	(R)EI90	●
UAR75-50/Twarda	Twarda	4x12,5	DEFH1IR	UAR75	600	glass / rock	75	14	5170	51 [3]	50	48	57,0	(R)EI90	●
UAR75-50/Hydro	Hydro	4x12,5	GMFH1I	UAR75	600	glass / rock	75	14	5170	43	41	38	49,0	(R)EI90	●
UAR75-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	UAR75	600	glass / rock	75	14	5170	43	41	38	53,0	(R)EI120	-
UAR75-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	UAR75	600	glass / rock	75	14	5170	51 [3]	50	48	63,0	(R)EI120	●
UAR75-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	UAR75	600	glass / rock	75	14	5170	43	41	38	55,0	(R)EI120	●
UAR75-60/Ogień+	Ogień Plus	4x15,0	DF	UAR75	600	glass / rock	75	14	5170	44	42	40	60,0	(R)EI120	-
UAR75-60/Twarda	Twarda	4x15,0	DEFH1IR	UAR75	600	glass / rock	75	14	5170	51 [3]	50	48	68,0	(R)EI120	●
UAR75-60/Hydro	Hydro	4x15,0	GMFH1I	UAR75	600	glass / rock	75	14	5170	44	42	40	60,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		UAR75-50/ Ogień+	UAR75-50/ WodaOgień+	UAR75-50/ Cicha	UAR75-50/ Twarda	UAR75-50/ Hydro	UAR75-55/ Ogień+	UAR75-55/ Twarda	UAR75-55/ Hydro	UAR75-60/ Ogień+	UAR75-60/ Twarda	UAR75-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0		-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
NIDA UAR75 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA75 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0				12,0	-	-	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	8,0	-	-	8,0	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
Nida Twarda 4.2x75 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Twarda 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	-	-	0,1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

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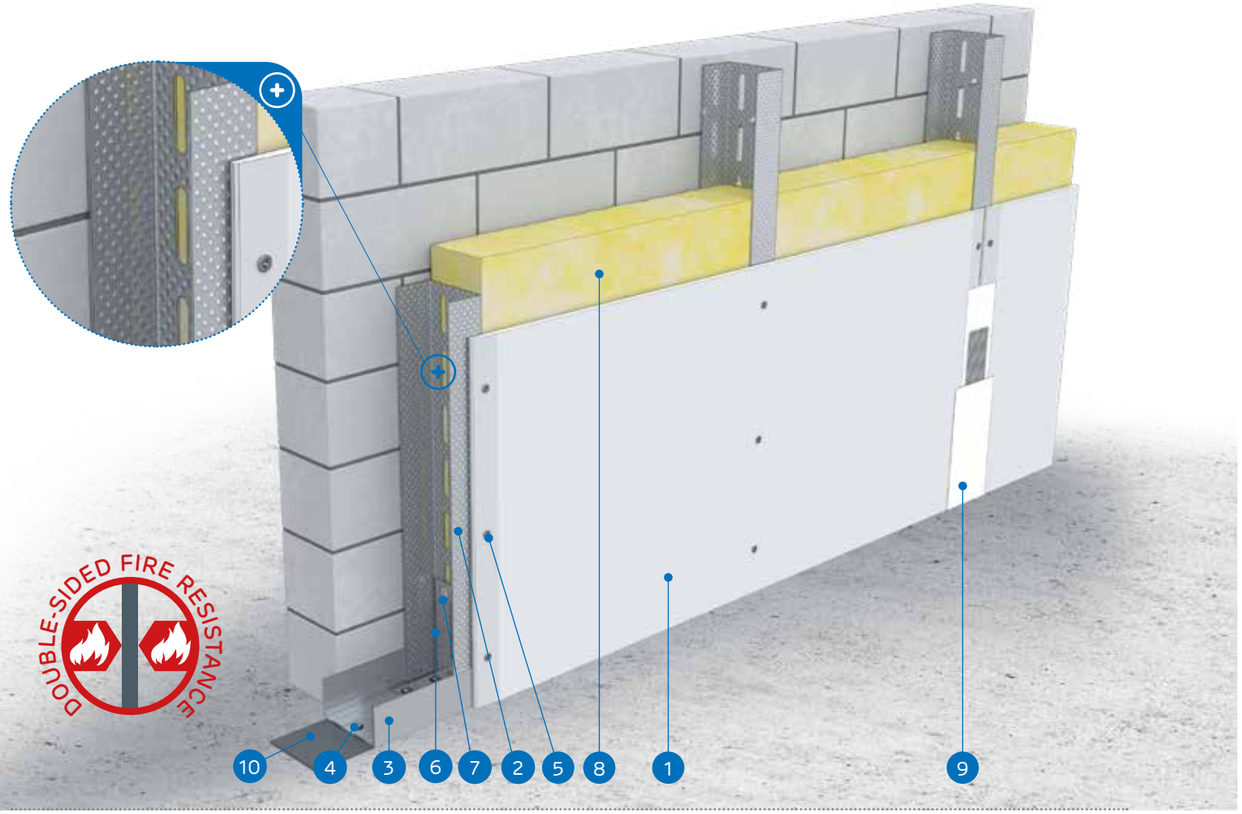
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15 (R)EI30	50 dB	6250 mm	14,0-21,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

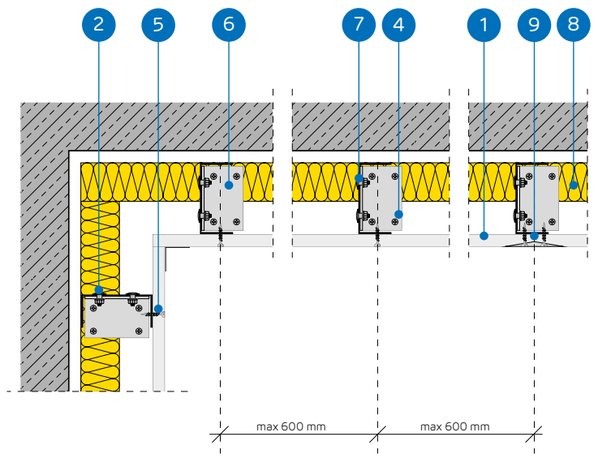
SYSTEMS:

UAR100-12,5; UAR100-18



MATERIALS:

1. Nida plasterboard
2. Nida UAR100 profile
3. Nida U100 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Angle profile for UA100 profiles
7. FLAT HEAD M8 bolt with serrated nut
8. Insulation material mineral wool
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR100 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR100-12,5/Expert	Expert	12,5	A	UAR100	600	glass / rock	50	12	6250	34	32	28	14,0	-	-
UAR100-12,5/Woda [3]	Woda	12,5	H2	UAR100	600	glass / rock	50	12	6250	34	32	28	14,0	-	-
UAR100-12,5/Ogień+	Ogień Plus	12,5	DF	UAR100	600	glass / rock	50	12	6250	36	34	30	16,0	(R)EI15	-
UAR100-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	UAR100	600	glass / rock	50	12	6250	36	34	30	16,0	(R)EI15	-
UAR100-12,5/Cicha	Cicha	12,5	DFH1IR	UAR100	600	glass / rock	100	12	6250	50 [4]	49	47	19,0	(R)EI15	●
UAR100-12,5/Twarda	Twarda	12,5	DEFH1IR	UAR100	600	glass / rock	100	12	6250	49 [4]	49	46	19,0	(R)EI15	●
UAR100-12,5/Hydro	Hydro	12,5	GMFH1I	UAR100	600	glass / rock	50	12	6250	36	34	30	16,0	(R)EI15	●
UAR100-18/Ogień+	Ogień Plus	18,0	DF	UAR100	600	glass / rock	50	12	6250	36	34	30	21,0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		UAR100-12,5/Expert	UAR100-12,5/Woda	UAR100-12,5/Ogień+	UAR100-12,5/WodaOgień+	UAR100-12,5/Cicha	UAR100-12,5/Twarda	UAR100-12,5/Hydro	UAR100-18/Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
NIDA UAR100 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	0,4	0,4	-
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

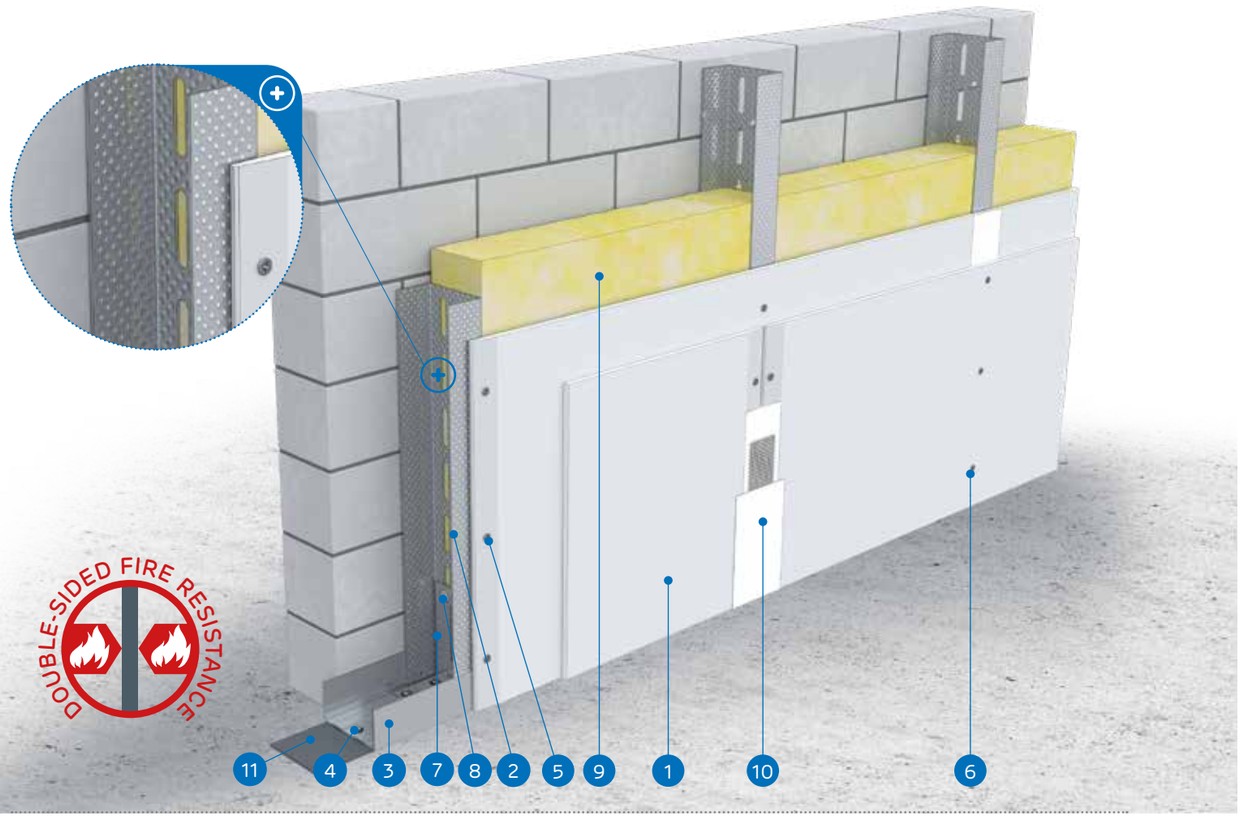
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	50 dB	6170 mm	22,0-37,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

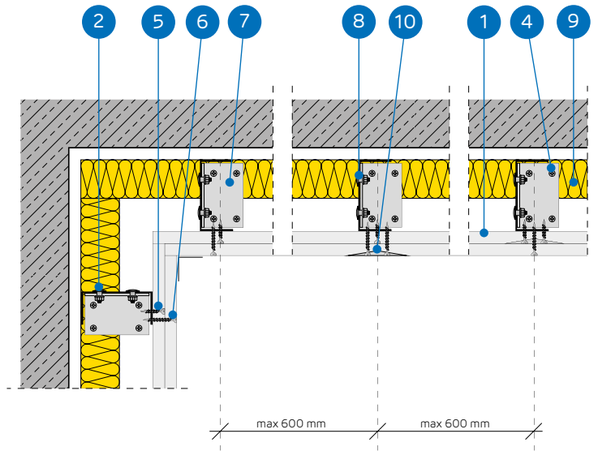
SYSTEMS:

UAR100-25; UAR100-30; UAR100-30



MATERIALS:

1. Nida plasterboard
2. Nida UAR100 profile
3. Nida U100 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA100 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR100 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR100-25/Expert	Expert	2x12,5	A	UAR100	600	glass / rock	50	12	6170	37	35	31	22,0	-	-
UAR100-25/Woda [3]	Woda	2x12,5	H2	UAR100	600	glass / rock	50	12	6170	37	35	31	22,0	-	-
UAR100-25/OgieńTypF	Ogień Typ F	2x12,5	F	UAR100	600	glass / rock	50	12	6170	37	35	31	23,0	(R)EI30	-
UAR100-25/Ogień+	Ogień Plus	2x12,5	DF	UAR100	600	glass / rock	50	12	6170	40	38	35	26,0	(R)EI30	-
UAR100-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	UAR100	600	glass / rock	50	12	6170	40	38	35	26,0	(R)EI30	-
UAR100-25/Cicha	Cicha	2x12,5	DFH1IR	UAR100	600	glass / rock	100	12	6170	50 [5]	50	48	32,0	(R)EI30	●
UAR100-25/Twarda	Twarda	2x12,5	DEFH1IR	UAR100	600	glass / rock	100	12	6170	50 [5]	49	47	32,0	(R)EI30	●
UAR100-25/Hydro	Hydro	2x12,5	GMFH1I	UAR100	600	glass / rock	50	12	6170	40	38	35	27,0	(R)EI30	●
UAR100-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	UAR100	600	glass / rock	50	12	6170	40	38	35	29,0	(R)EI60	-
UAR100-30/Ogień+	Ogień Plus	2x15	DF	UAR100	600	glass / rock	50	12	6170	41	40	37	33,0	(R)EI60	-
UAR100-30/Twarda	Twarda	2x15	DEFH1IR	UAR100	600	glass / rock	100	12	6170	49 [5]	49	47	37,0	(R)EI60	●
UAR100-30/Hydro	Hydro	2x15	GMFH1I	UAR100	600	glass / rock	50	12	6170	41	40	37	33,0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.
[5] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		UAR100-25/ Expert	UAR100-25/ Woda	UAR100-25/ OgieńTypF	UAR100-25/ Ogień+	UAR100-25/ WodaOgień+	UAR100-25/ Cicha	UAR100-25/ Twarda	UAR100-25/ Hydro	UAR100-27,5/ Ogień+	UAR100-30/ Ogień+	UAR100-30/ Twarda	UAR100-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
NIDA UAR100 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [6]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	16,0	16,0	-	-	-	16,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [7]	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [8]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[6] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[7] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[8] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

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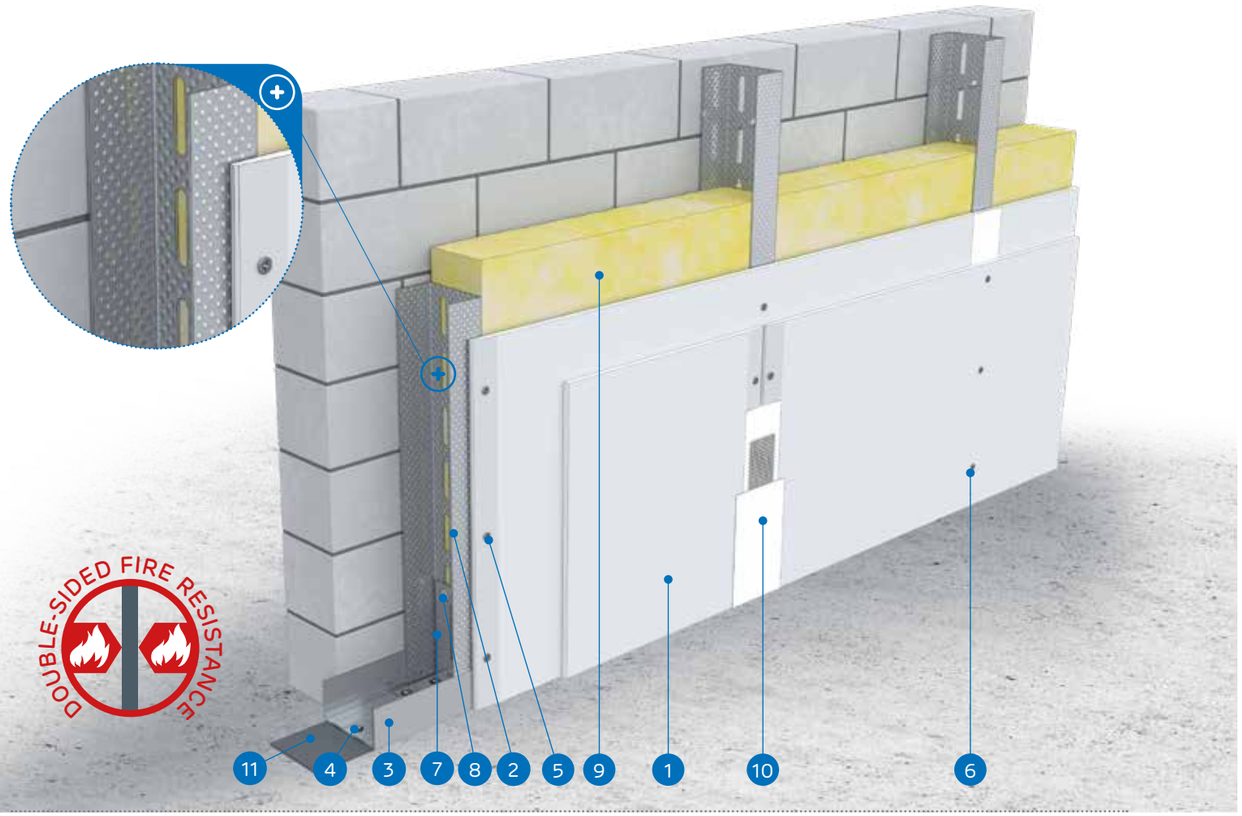
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	51 dB	6170 mm	36,0-46,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

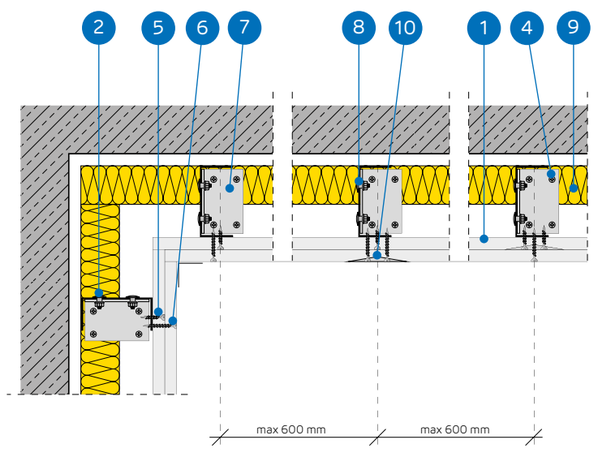
SYSTEMS:

UAR100-37,5; UAR100-45



MATERIALS:

1. Nida plasterboard
2. Nida UAR100 profile
3. Nida U100 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA100 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR100 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR100-37,5/Ogień+	Ogień Plus	3x12,5	DF	UAR100	600	glass / rock	100	12	6170	45	44	39	36,0	(R)EI60	-
UAR100-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	UAR100	600	glass / rock	100	12	6170	45	44	39	36,0	(R)EI60	-
UAR100-37,5/Cicha	Cicha	3x12,5	DFH1IR	UAR100	600	glass / rock	100	12	6170	51 [4]	50	48	45,0	(R)EI60	●
UAR100-37,5/Twarda	Twarda	3x12,5	DEFH1IR	UAR100	600	glass / rock	100	12	6170	50 [4]	50	48	45,0	(R)EI60	●
UAR100-37,5/Hydro	Hydro	3x12,5	GMFH1I	UAR100	600	glass / rock	100	12	6170	45	44	39	39,0	(R)EI60	●
UAR100-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	UAR100	600	glass / rock	100	12	6170	45	44	39	46,0	(R)EI120	-
UAR100-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	UAR100	600	glass / rock	100	12	6170	45	44	39	46,0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.
[4] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		UAR100-37,5/ Ogień+	UAR100-37,5/ WodaOgień+	UAR100-37,5/ Cicha	UAR100-37,5/ Twarda	UAR100-37,5/ Hydro	UAR100-45/ Ogień+	UAR100-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
NIDA UAR100 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	12,0	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk

Fire resistance class: (R)EI90 (R)EI120

Maximum acoustic insulation: 51 dB

Maximum encasement height: 6170 mm

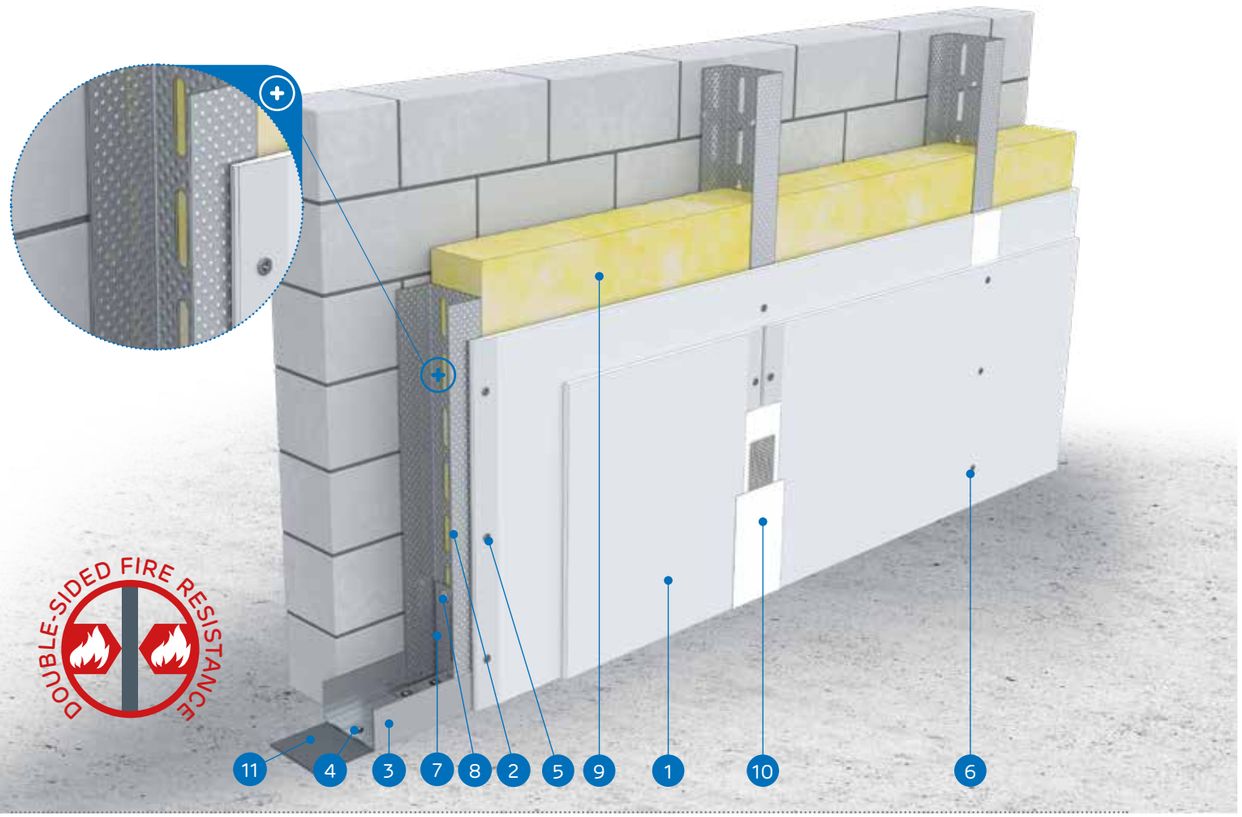
Weight of 1m² of encasement: 46,0-68,0 kg

Number of related document: Fire classification

Fire classification: LBO-074-KZ/22

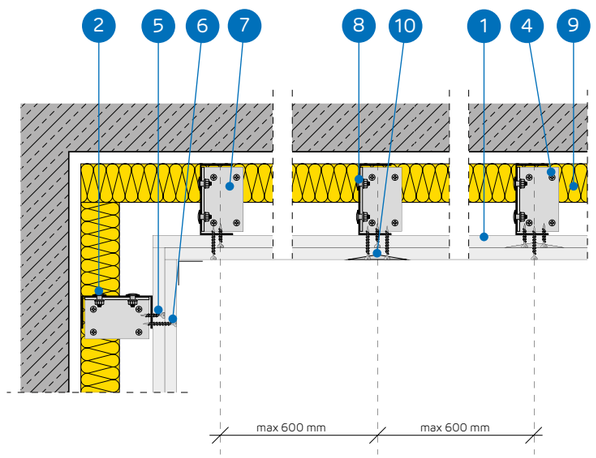
SYSTEMS:

UAR100-50; UAR100-55; UAR100-60



MATERIALS:

1. Nida plasterboard
2. Nida UAR100 profile
3. Nida U100 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA100 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UAR100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Spacing of the Nida UAR100 profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UAR100-50/Ogień+	Ogień Plus	4x12,5	DF	UAR100	600	glass / rock	100	14	6170	44	42	39	46,0	(R)EI90	-
UAR100-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	UAR100	600	glass / rock	100	14	6170	44	42	39	46,0	(R)EI90	-
UAR100-50/Cicha	Cicha	4x12,5	DFH1IR	UAR100	600	glass / rock	100	14	6170	51 [3]	51	49	57,0	(R)EI90	●
UAR100-50/Twarda	Twarda	4x12,5	DEFH1IR	UAR100	600	glass / rock	100	14	6170	51 [3]	50	49	57,0	(R)EI90	●
UAR100-50/Hydro	Hydro	4x12,5	GMFH1I	UAR100	600	glass / rock	100	14	6170	44	42	39	49,0	(R)EI90	●
UAR100-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	UAR100	600	glass / rock	100	14	6170	44	42	39	53,0	(R)EI120	-
UAR100-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	UAR100	600	glass / rock	100	14	6170	51 [3]	50	49	63,0	(R)EI120	●
UAR100-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	UAR100	600	glass / rock	100	14	6170	44	42	39	55,0	(R)EI120	●
UAR100-60/Ogień+	Ogień Plus	4x15,0	DF	UAR100	600	glass / rock	100	14	6170	45	44	40	60,0	(R)EI120	-
UAR100-60/Twarda	Twarda	4x15,0	DEFH1IR	UAR100	600	glass / rock	100	14	6170	51 [3]	50	49	68,0	(R)EI120	●
UAR100-60/Hydro	Hydro	4x15,0	GMFH1I	UAR100	600	glass / rock	100	14	6170	45	44	40	60,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] Acoustic insulation is calculated on the basis of simulations run with utilisation of the INSUL program for the following arrangement: plasterboard sheathing + rigid wall of aerated concrete blocks, thickness 11.5 cm, density 600 kg/m³.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		UAR100-50/ Ogień+	UAR100-50/ WodaOgień+	UAR100-50/Cicha	UAR100-50/ Twarda	UAR100-50/ Hydro	UAR100-55/ Ogień+	UAR100-55/ Twarda	UAR100-55/Hydro	UAR100-60/ Ogień+	UAR100-60/ Twarda	UAR100-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0		-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
NIDA UAR100 frame profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85	0,85
FLAT HEAD M8 bolt with serrated nut	pcs.	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Anchoring element [4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0				12,0	-	-	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	8,0	-	-	8,0	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
Nida Twarda 4.2x75 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Twarda 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	-	-	0,1	-	-
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

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nida Tynk

Fire resistance class: (R)EI15 (R)EI30

Maximum acoustic insulation: N/A

Maximum encasement height: 5000 mm

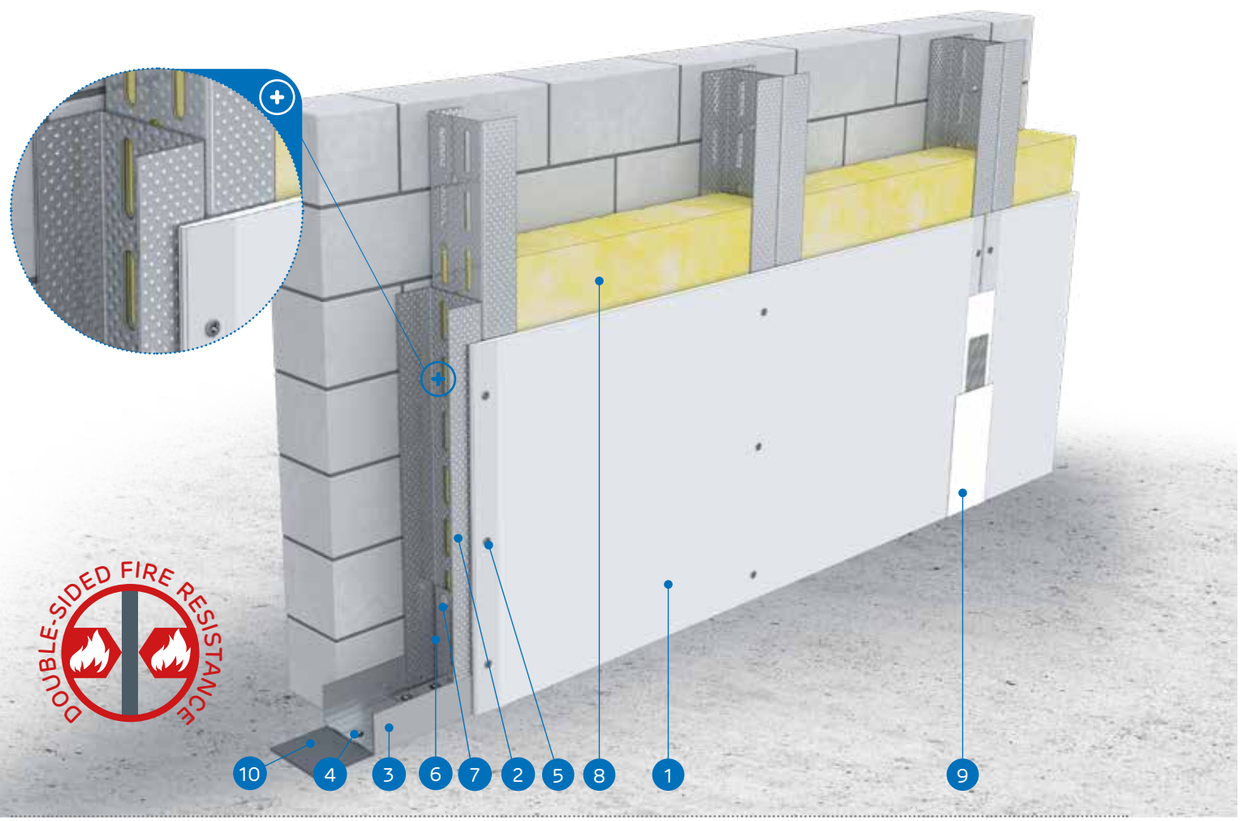
Weight of 1m² of encasement: 15,0-22,0 kg

Number of related document: Fire classification

Fire classification: LBO-074-KZ/22

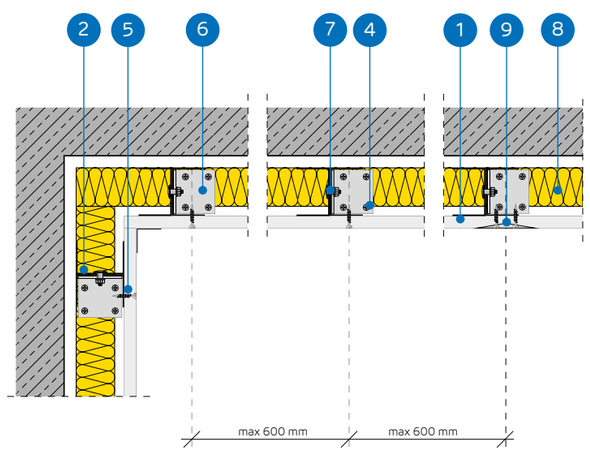
SYSTEMS:

UARUAR50-12,5; UARUAR50-18



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR50 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U50 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Angle profile for UA50 profiles
7. FLAT HEAD M8 bolt with serrated nut
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR50-12,5/Expert	Expert	12,5	A	2xUAR50	600	optional	-	-	5000	-	-	-	15,0	-	-
UARUAR50-12,5/Woda [3]	Woda	12,5	H2	2xUAR50	600	optional	-	-	5000	-	-	-	15,0	-	-
UARUAR50-12,5/Ogień+	Ogień Plus	12,5	DF	2xUAR50	600	optional	-	-	5000	-	-	-	17,0	(R)EI15	-
UARUAR50-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xUAR50	600	optional	-	-	5000	-	-	-	17,0	(R)EI15	-
UARUAR50-12,5/Cicha	Cicha	12,5	DFH1IR	2xUAR50	600	optional	-	-	5000	-	-	-	20,0	(R)EI15	●
UARUAR50-12,5/Twarda	Twarda	12,5	DEFH1IR	2xUAR50	600	optional	-	-	5000	-	-	-	20,0	(R)EI15	●
UARUAR50-12,5/Hydro	Hydro	12,5	GMFH1I	2xUAR50	600	optional	-	-	5000	-	-	-	18,0	(R)EI15	●
UARUAR50-18/Ogień+	Ogień Plus	18,0	DF	2xUAR50	600	optional	-	-	5000	-	-	-	22,0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		UARUAR50-12,5/ Expert	UARUAR50-12,5/ Woda	UARUAR50-12,5/ Ogień+	UARUAR50-12,5/ WodaOgień+	UARUAR50-12,5/ Cicha	UARUAR50-12,5/ Twarda	UARUAR50-12,5/ Hydro	UARUAR50-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
NIDA UAR50 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA50 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	-	-	0,4	0,4	-
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

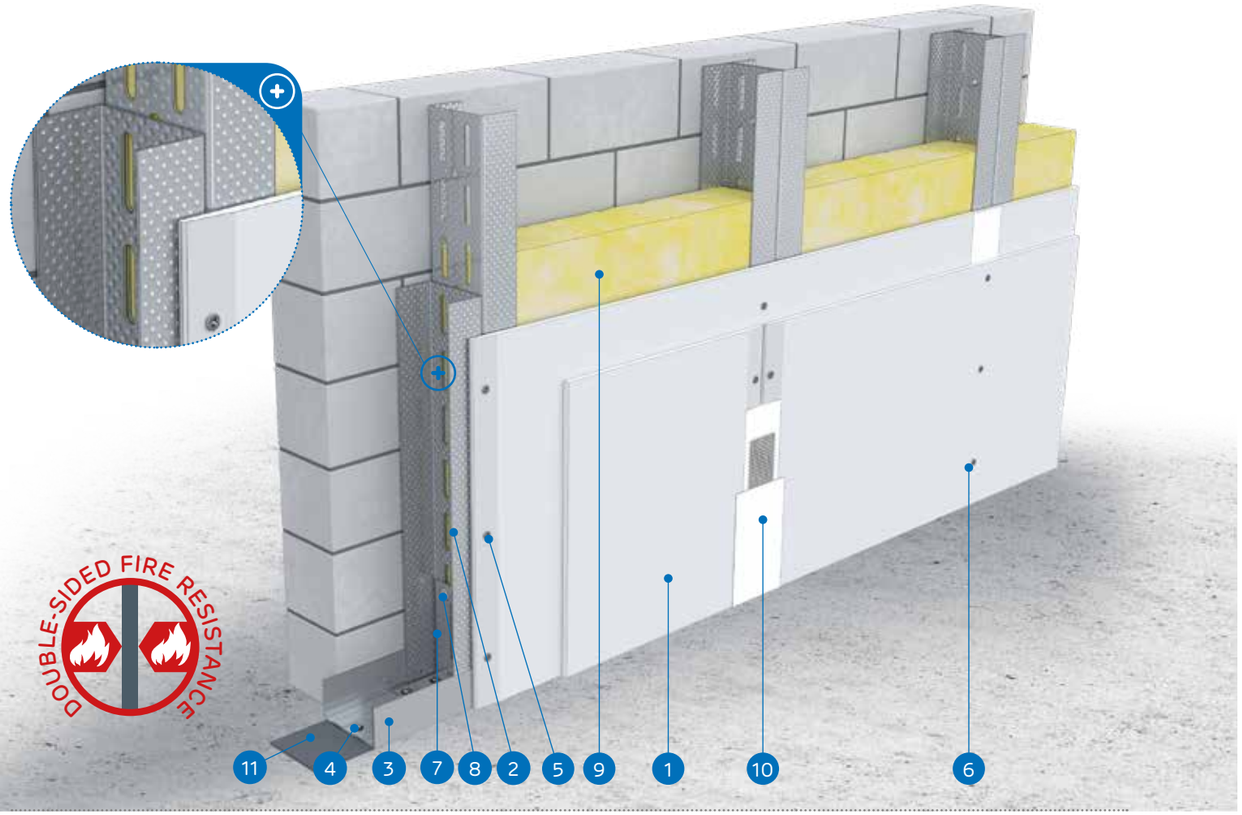
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	N/A	5310 mm	23,0-38,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

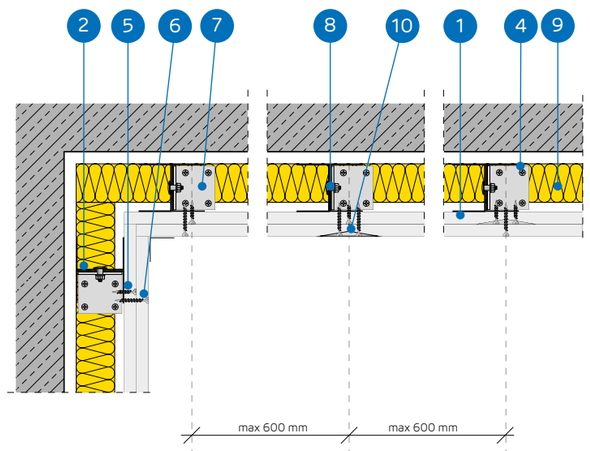
SYSTEMS:

UARUAR50-25; UARUAR50-27,5; UARUAR50-30



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR50 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U50 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA50 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR50-25/Expert	Expert	2x12,5	A	2xUAR50	600	optional	-	-	5310	-	-	-	23,0	-	-
UARUAR50-25/Woda [3]	Woda	2x12,5	H2	2xUAR50	600	optional	-	-	5310	-	-	-	23,0	-	-
UARUAR50-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xUAR50	600	optional	-	-	5310	-	-	-	25,0	(R)EI30	-
UARUAR50-25/Ogień+	Ogień Plus	2x12,5	DF	2xUAR50	600	optional	-	-	5310	-	-	-	27,0	(R)EI30	-
UARUAR50-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xUAR50	600	optional	-	-	5310	-	-	-	27,0	(R)EI30	-
UARUAR50-25/Cicha	Cicha	2x12,5	DFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	33,0	(R)EI30	●
UARUAR50-25/Twarda	Twarda	2x12,5	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	33,0	(R)EI30	●
UARUAR50-25/Hydro	Hydro	2x12,5	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	29,0	(R)EI30	●
UARUAR50-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xUAR50	600	optional	-	-	5310	-	-	-	31,0	(R)EI60	-
UARUAR50-30/Ogień+	Ogień Plus	2x15	DF	2xUAR50	600	optional	-	-	5310	-	-	-	34,0	(R)EI60	-
UARUAR50-30/Twarda	Twarda	2x15	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	38,0	(R)EI60	●
UARUAR50-30/Hydro	Hydro	2x15	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	34,0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		UARUAR50-25/ Expert	UARUAR50-25/ Woda	UARUAR50-25/ OgieńTypF	UARUAR50-25/ Ogień+	UARUAR50-25/ WodaOgień+	UARUAR50-25/ Cicha	UARUAR50-25/ Twarda	UARUAR50-25/ Hydro	UARUAR50-275/ Ogień+	UARUAR50-30/ Ogień+	UARUAR50-30/ Twarda	UARUAR50-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
NIDA UAR50 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA50 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	16,0	16,0	-	-	-	16,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

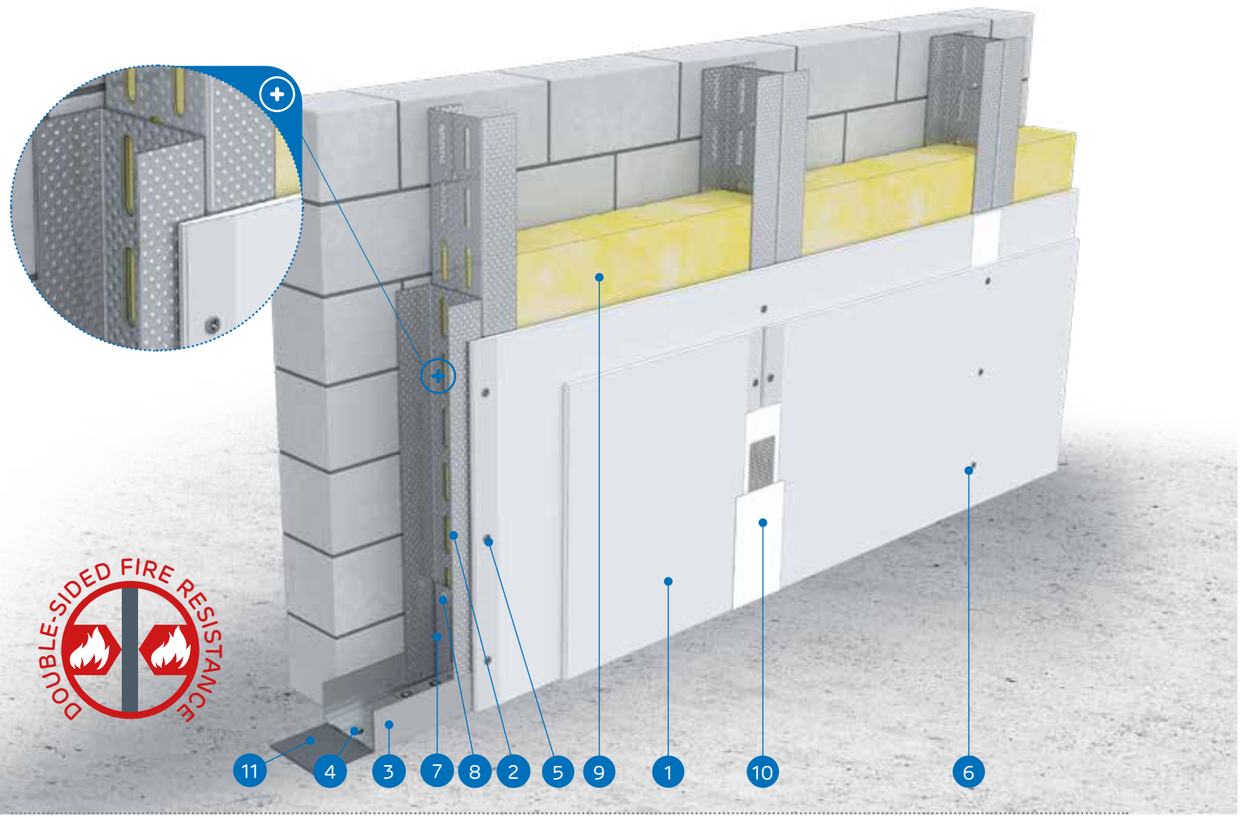
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	N/A	5310 mm	38,0-48,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

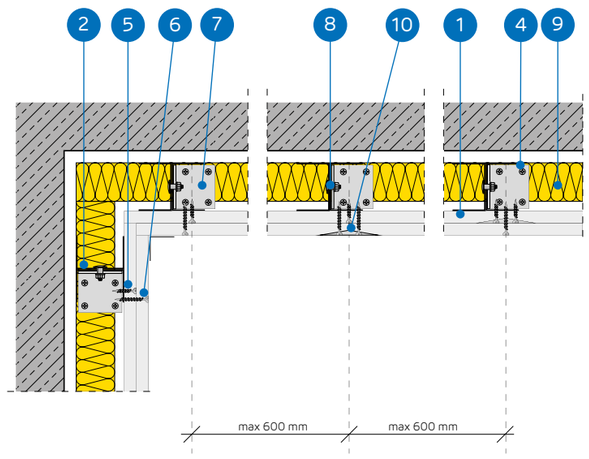
SYSTEMS:

UARUAR50-37,5; UARUAR50-45



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR50 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U50 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA50 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR50-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xUAR50	600	optional	-	-	5310	-	-	-	38,0	(R)EI60	-
UARUAR50-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xUAR50	600	optional	-	-	5310	-	-	-	38,0	(R)EI60	-
UARUAR50-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	46,0	(R)EI60	●
UARUAR50-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	46,0	(R)EI60	●
UARUAR50-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	40,0	(R)EI60	●
UARUAR50-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	2xUAR50	600	optional	-	-	5310	-	-	-	48,0	(R)EI120	-
UARUAR50-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	2xUAR50	600	optional	-	-	5310	-	-	-	48,0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		UARUAR50-37,5/ Ogień+	UARUAR50-37,5/ WodaOgień+	UARUAR50-37,5/ Cicha	UARUAR50-37,5/ Twarda	UARUAR50-37,5/ Hydro	UARUAR50-45/ Ogień+	UARUAR50-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
NIDA UAR50 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA50 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	12,0	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

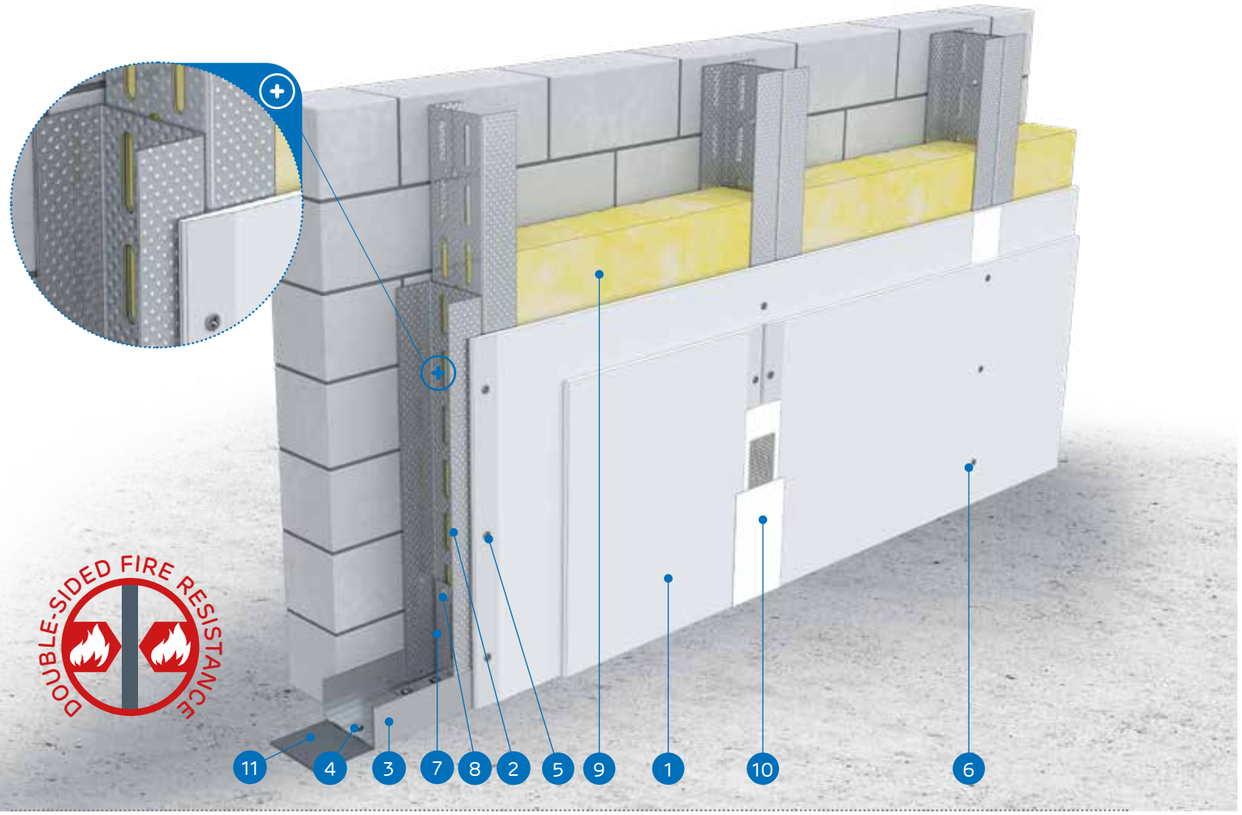
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI90 (R)EI120	N/A	5310 mm	48,0-69,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

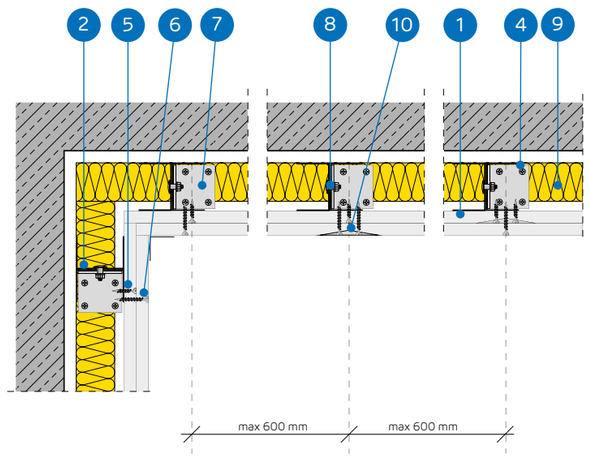
SYSTEMS:

UARUAR50-50; UARUAR50-55; UARUAR50-60



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR50 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U50 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA50 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR50 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR50-50/Ogień+	Ogień Plus	4x12,5	DF	2xUAR50	600	optional	-	-	5310	-	-	-	48,0	(R)EI90	-
UARUAR50-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xUAR50	600	optional	-	-	5310	-	-	-	48,0	(R)EI90	-
UARUAR50-50/Cicha	Cicha	4x12,5	DFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	59,0	(R)EI90	●
UARUAR50-50/Twarda	Twarda	4x12,5	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	59,0	(R)EI90	●
UARUAR50-50/Hydro	Hydro	4x12,5	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	51,0	(R)EI90	●
UARUAR50-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xUAR50	600	optional	-	-	5310	-	-	-	55,0	(R)EI120	-
UARUAR50-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	64,0	(R)EI120	●
UARUAR50-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	56,0	(R)EI120	●
UARUAR50-60/Ogień+	Ogień Plus	4x15,0	DF	2xUAR50	600	optional	-	-	5310	-	-	-	62,0	(R)EI120	-
UARUAR50-60/Twarda	Twarda	4x15,0	DEFH1IR	2xUAR50	600	optional	-	-	5310	-	-	-	69,0	(R)EI120	●
UARUAR50-60/Hydro	Hydro	4x15,0	GMFH1I	2xUAR50	600	optional	-	-	5310	-	-	-	62,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		UARUAR50-50/ Ogień+	UARUAR50-50/ WodaOgień+	UARUAR50-50/ Cicha	UARUAR50-50/ Twarda	UARUAR50-50/ Hydro	UARUAR50-55/ Ogień+	UARUAR50-55/ Twarda	UARUAR50-55/ Hydro	UARUAR50-60/ Ogień+	UARUAR50-60/ Twarda	UARUAR50-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0		-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
NIDA UAR50 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA50 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [3]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0				12,0	-	-	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	8,0	-	-	8,0	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
Nida Twarda 4.2x75 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Twarda 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	-	-	0,1	-	-
Nida Hydromix ready-to-use joint filler [4]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [5]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[3] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[4] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[5] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

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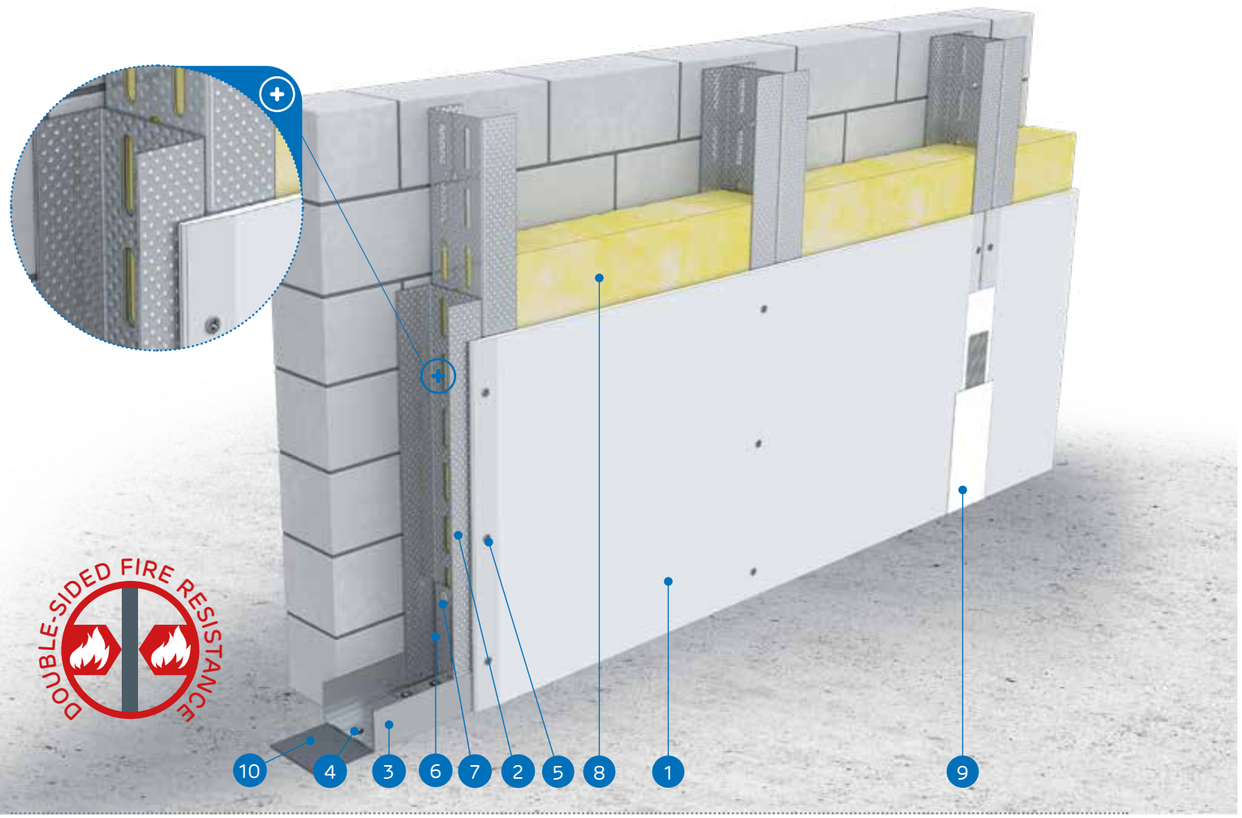
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15 (R)EI30	N/A	6590 mm	17,0-23,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

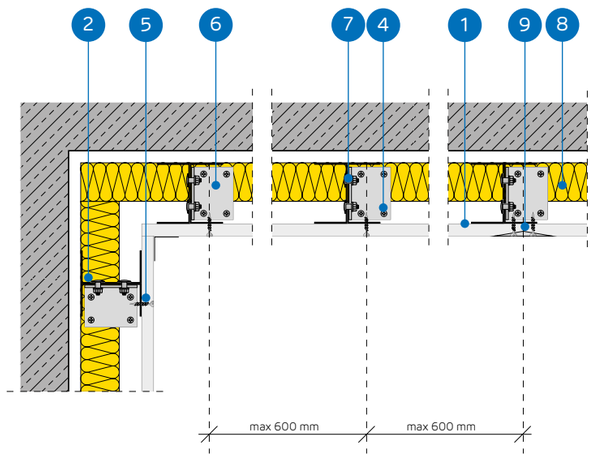
SYSTEMS:

UARUAR75-12,5; UARUAR75-18



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR75 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U75 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Angle profile for UA75 profiles
7. FLAT HEAD M8 bolt with serrated nut
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR75-12,5/Expert	Expert	12,5	A	2xUAR75	600	optional	-	-	6590	-	-	-	17,0	-	-
UARUAR75-12,5/Woda [3]	Woda	12,5	H2	2xUAR75	600	optional	-	-	6590	-	-	-	17,0	-	-
UARUAR75-12,5/Ogień+	Ogień Plus	12,5	DF	2xUAR75	600	optional	-	-	6500	-	-	-	19,0	(R)EI15	-
UARUAR75-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	19,0	(R)EI15	-
UARUAR75-12,5/Cicha	Cicha	12,5	DFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	21,0	(R)EI15	●
UARUAR75-12,5/Twarda	Twarda	12,5	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	21,0	(R)EI15	●
UARUAR75-12,5/Hydro	Hydro	12,5	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	19,0	(R)EI15	●
UARUAR75-18/Ogień+	Ogień Plus	18,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	23,0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		UARUAR75-12,5/ Expert	UARUAR75-12,5/ Woda	UARUAR75-12,5/ Ogień+	UARUAR75-12,5/ WodaOgień+	UARUAR75-12,5/ Cicha	UARUAR75-12,5/ Twarda	UARUAR75-12,5/ Hydro	UARUAR75-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
NIDA UAR75 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA75 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	-	-	0,4	0,4	-
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

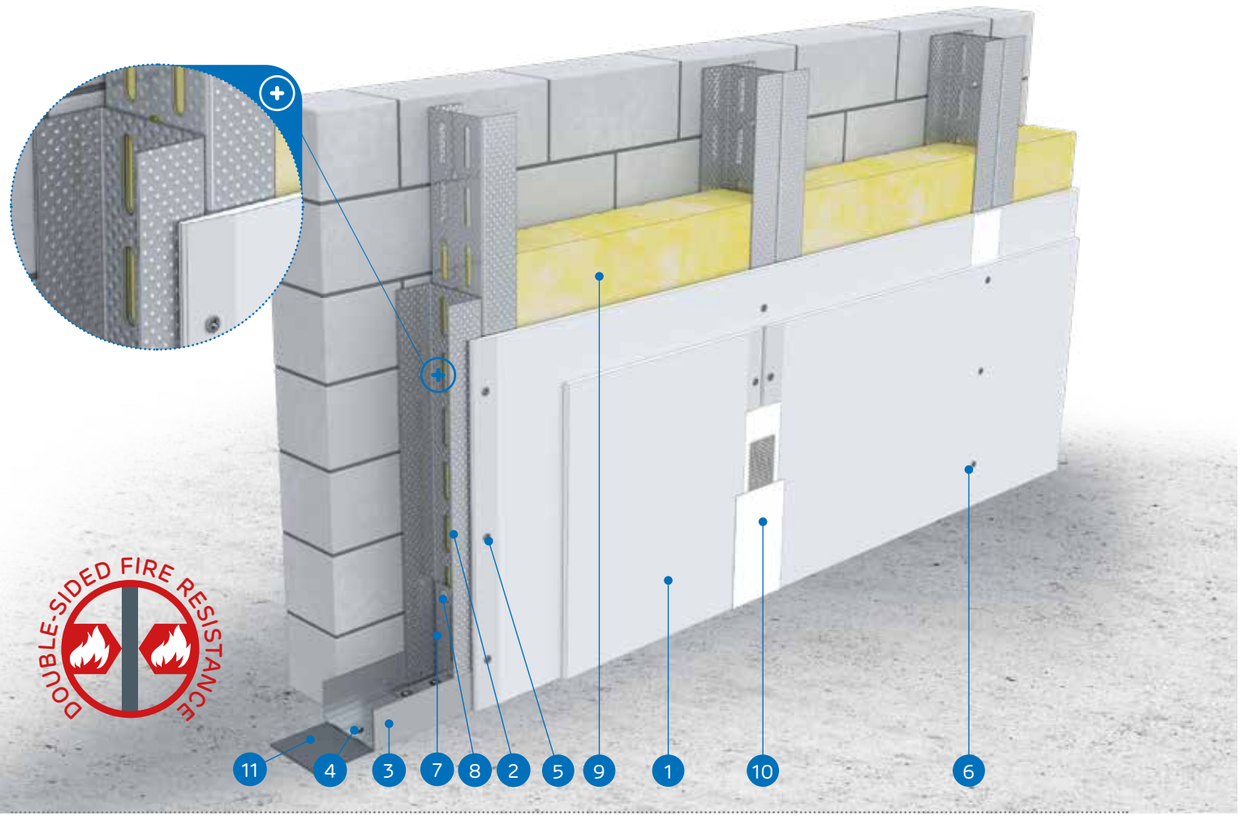
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	N/A	6760 mm	25,0-40,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

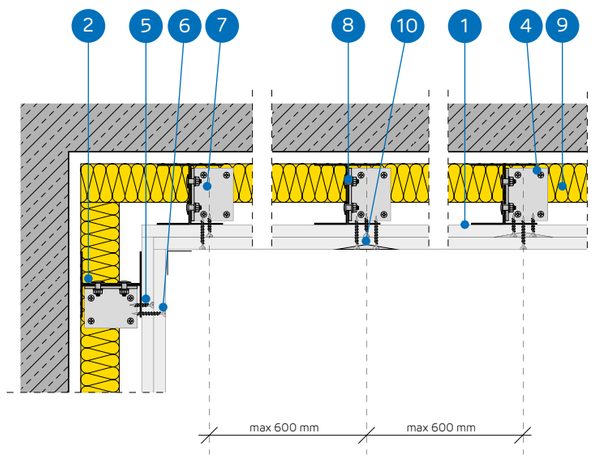
SYSTEMS:

UARUAR75-25; UARUAR75-27,5; UARUAR75-30



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR75 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U75 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA75 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR75-25/Expert	Expert	2x12,5	A	2xUAR75	600	optional	-	-	6760	-	-	-	25,0	-	-
UARUAR75-25/Woda [3]	Woda	2x12,5	H2	2xUAR75	600	optional	-	-	6760	-	-	-	25,0	-	-
UARUAR75-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xUAR75	600	optional	-	-	6500				26,0	(R)EI30	
UARUAR75-25/Ogień+	Ogień Plus	2x12,5	DF	2xUAR75	600	optional	-	-	6500	-	-	-	29,0	(R)EI30	-
UARUAR75-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	29,0	(R)EI30	-
UARUAR75-25/Cicha	Cicha	2x12,5	DFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	34,0	(R)EI30	●
UARUAR75-25/Twarda	Twarda	2x12,5	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	34,0	(R)EI30	●
UARUAR75-25/Hydro	Hydro	2x12,5	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	31,0	(R)EI30	●
UARUAR75-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	33,0	(R)EI60	-
UARUAR75-30/Ogień+	Ogień Plus	2x15	DF	2xUAR75	600	optional	-	-	6500	-	-	-	36,0	(R)EI60	-
UARUAR75-30/Twarda	Twarda	2x15	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	40,0	(R)EI60	●
UARUAR75-30/Hydro	Hydro	2x15	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	36,0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		UARUAR75-25/ Expert	UARUAR75-25/ Woda	UARUAR75-25/ OgieńTypF	UARUAR75-25/ Ogień+	UARUAR75-25/ WodaOgień+	UARUAR75-25/ Cicha	UARUAR75-25/ Twarda	UARUAR75-25/ Hydro	UARUAR75-27,5/ Ogień+	UARUAR75-30/ Ogień+	UARUAR75-30/ Twarda	UARUAR75-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
NIDA UAR75 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA75 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	16,0	16,0	-	-	-	16,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

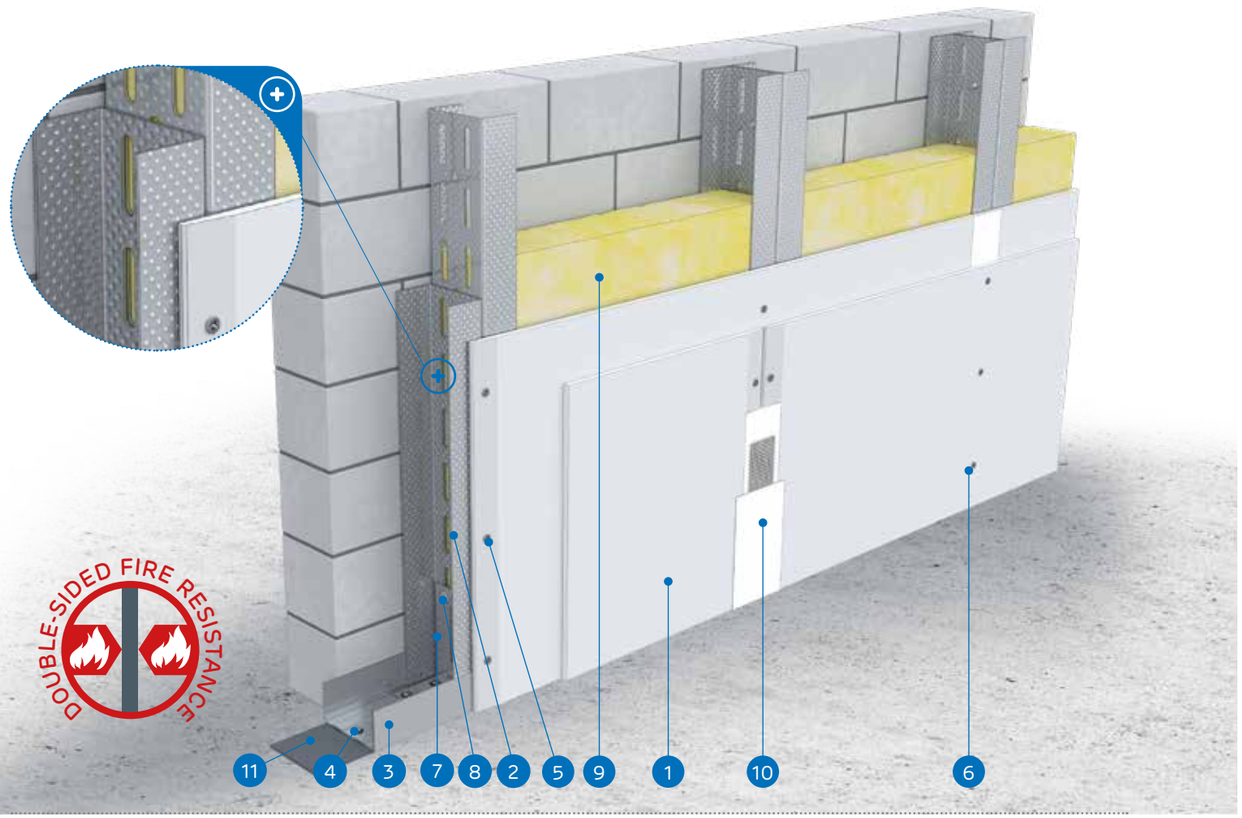
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	N/A	6500 mm	39,0-49,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

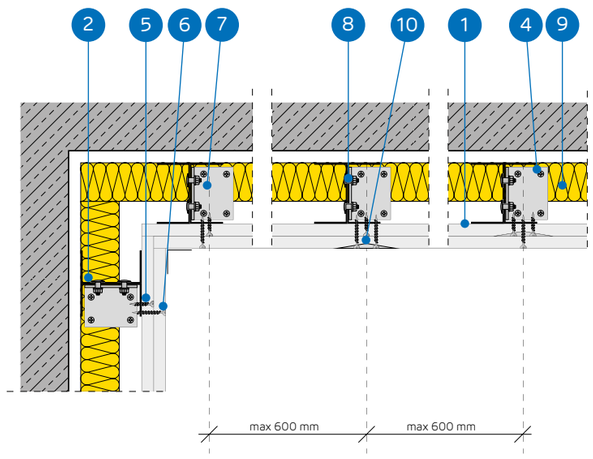
SYSTEMS:

UARUAR75-37,5; UARUAR75-45



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR75 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U75 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA75 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR75-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xUAR75	600	optional	-	-	6500	-	-	-	39,0	(R)EI60	-
UARUAR75-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	39,0	(R)EI60	-
UARUAR75-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	47,0	(R)EI60	●
UARUAR75-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	47,0	(R)EI60	●
UARUAR75-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	41,0	(R)EI60	●
UARUAR75-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	49,0	(R)EI120	-
UARUAR75-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	49,0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		UARUAR75-37,5/ Ogień+	UARUAR75-37,5/ WodaOgień+	UARUAR75-37,5/ Cicha	UARUAR75-37,5/ Twarda	UARUAR75-37,5/ Hydro	UARUAR75-45/ Ogień+	UARUAR75-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
NIDA UAR75 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA75 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	12,0	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-			12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

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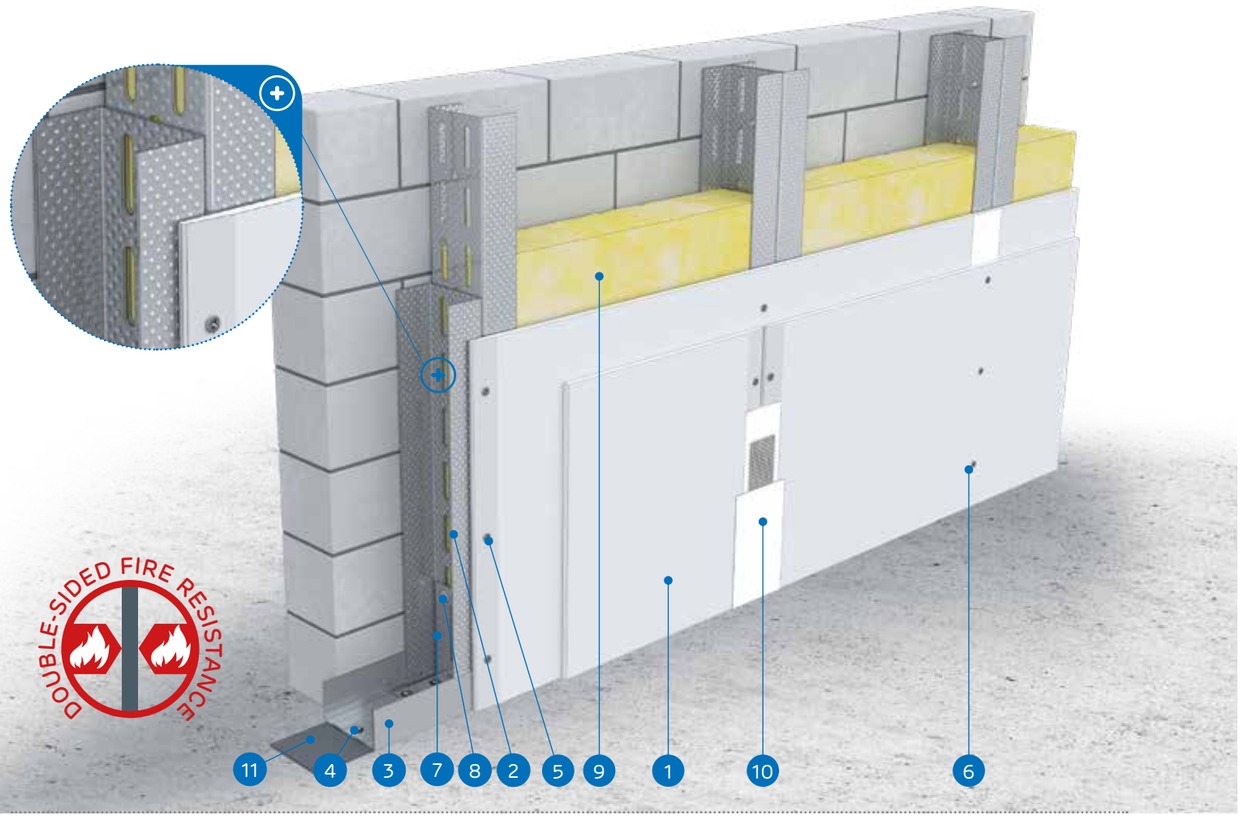
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI90 (R)EI120	N/A	6500 mm	49,0-71,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

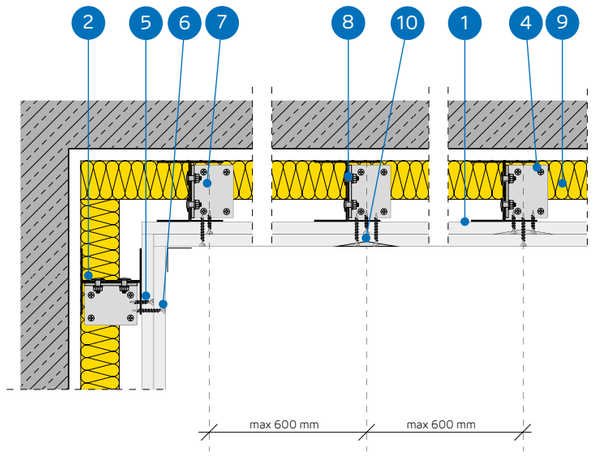
SYSTEMS:

UARUAR75-50; UARUAR75-55; UARUAR75-60



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR75 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U75 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA75 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR75 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR75-50/Ogień+	Ogień Plus	4x12,5	DF	2xUAR75	600	optional	-	-	6500	-	-	-	49,0	(R)EI90	-
UARUAR75-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xUAR75	600	optional	-	-	6500	-	-	-	49,0	(R)EI90	-
UARUAR75-50/Cicha	Cicha	4x12,5	DFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	60,0	(R)EI90	●
UARUAR75-50/Twarda	Twarda	4x12,5	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	60,0	(R)EI90	●
UARUAR75-50/Hydro	Hydro	4x12,5	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	52,0	(R)EI90	●
UARUAR75-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	56,0	(R)EI120	-
UARUAR75-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	65,0	(R)EI120	●
UARUAR75-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	58,0	(R)EI120	●
UARUAR75-60/Ogień+	Ogień Plus	4x15,0	DF	2xUAR75	600	optional	-	-	6500	-	-	-	63,0	(R)EI120	-
UARUAR75-60/Twarda	Twarda	4x15,0	DEFH1IR	2xUAR75	600	optional	-	-	6500	-	-	-	71,0	(R)EI120	●
UARUAR75-60/Hydro	Hydro	4x15,0	GMFH1I	2xUAR75	600	optional	-	-	6500	-	-	-	63,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		UARUAR75-50/ Ogień+	UARUAR75-50/ WodaOgień+	UARUAR75-50/ Cicha	UARUAR75-50/ Twarda	UARUAR75-50/ Hydro	UARUAR75-55/ Ogień+	UARUAR75-55/ Twarda	UARUAR75-55/ Hydro	UARUAR75-60/ Ogień+	UARUAR75-60/ Twarda	UARUAR75-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0		-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
NIDA UAR75 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA75 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [3]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0				12,0	-	-	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	8,0	-	-	8,0	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
Nida Twarda 4.2x75 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Twarda 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	-	-	0,1	-	-
Nida Hydromix ready-to-use joint filler [4]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [5]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[3] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[4] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[5] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

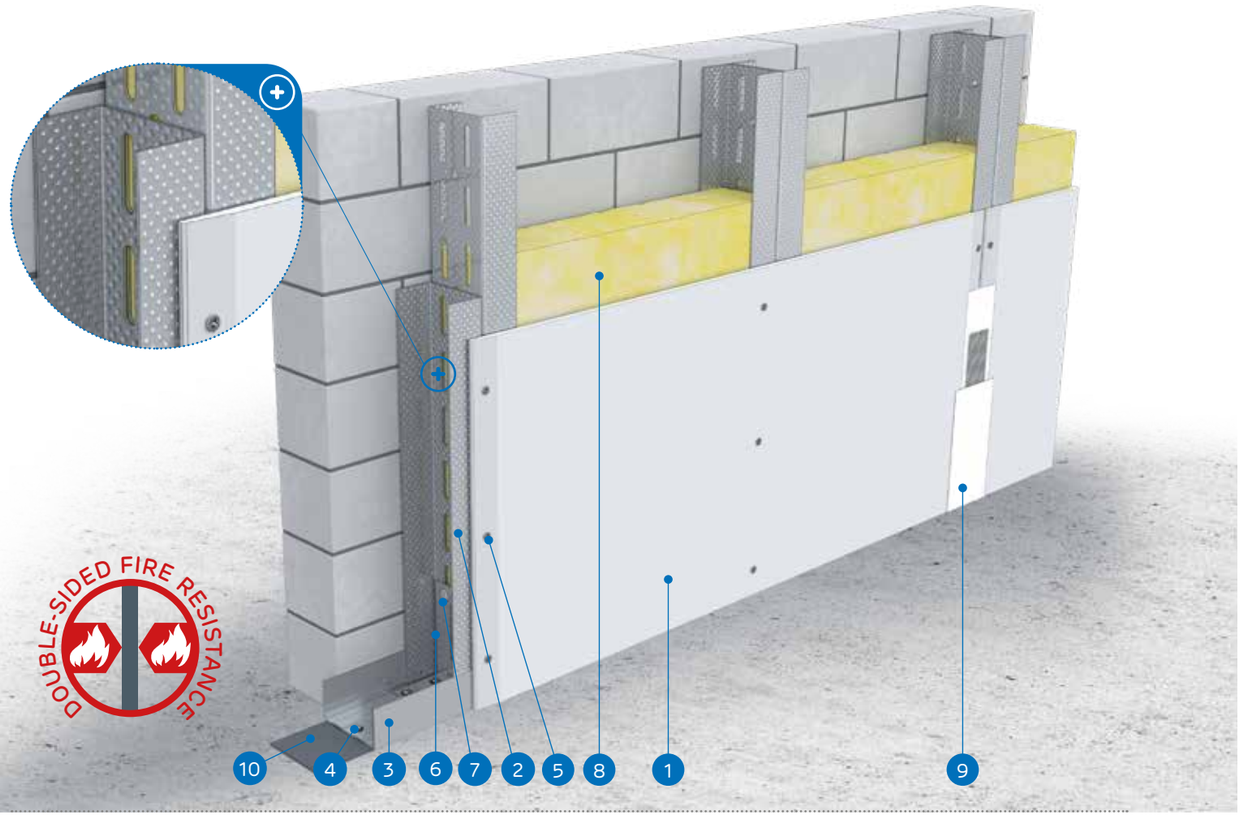
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI15 (R)EI30	N/A	8310 mm	18,0-25,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

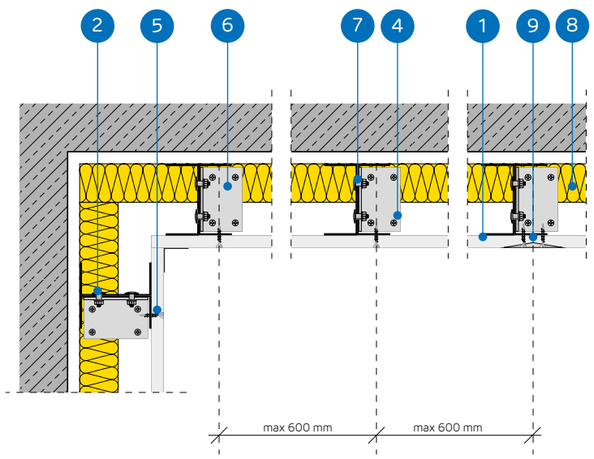
SYSTEMS:

UARUAR100-12,5; UARUAR100-18



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR100 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U100 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Angle profile for UA100 profiles
7. FLAT HEAD M8 bolt with serrated nut
8. Insulation material mineral wool (optional)
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR100-12,5/Expert	Expert	12,5	A	2xUAR100	600	optional	-	-	8310	-	-	-	18,0	-	-
UARUAR100-12,5/Woda [3]	Woda	12,5	H2	2xUAR100	600	optional	-	-	8310	-	-	-	18,0	-	-
UARUAR100-12,5/Ogień+	Ogień Plus	12,5	DF	2xUAR100	600	optional	-	-	6500	-	-	-	20,0	(R)EI15	-
UARUAR100-12,5/WodaOgień+	Woda Ogień Plus	12,5	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	20,0	(R)EI15	-
UARUAR100-12,5/Cicha	Cicha	12,5	DFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	23,0	(R)EI15	●
UARUAR100-12,5/Twarda	Twarda	12,5	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	23,0	(R)EI15	●
UARUAR100-12,5/Hydro	Hydro	12,5	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	21,0	(R)EI15	●
UARUAR100-18/Ogień+	Ogień Plus	18,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	25,0	(R)EI30	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk							
		UARUAR100-12,5/ Expert	UARUAR100-12,5/ Woda	UARUAR100-12,5/ Ogień+	UARUAR100-12,5/ WodaOgień+	UARUAR100-12,5/ Cicha	UARUAR100-12,5/ Twarda	UARUAR100-12,5/ Hydro	UARUAR100-18/ Ogień+
		Consumption of material per 1m²							
Nida Expert 12,5 mm plasterboard	m²	1,0	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,0	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	1,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	1,0	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	1,0	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	1,0	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	1,0	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	-	1,0
NIDA UAR100 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	-	-	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	12,0	-	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	12,0	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,3	0,3	0,3	0,3	0,3	-	-	0,3
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	-	-	0,1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	-	-	0,4	0,4	-
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[5] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

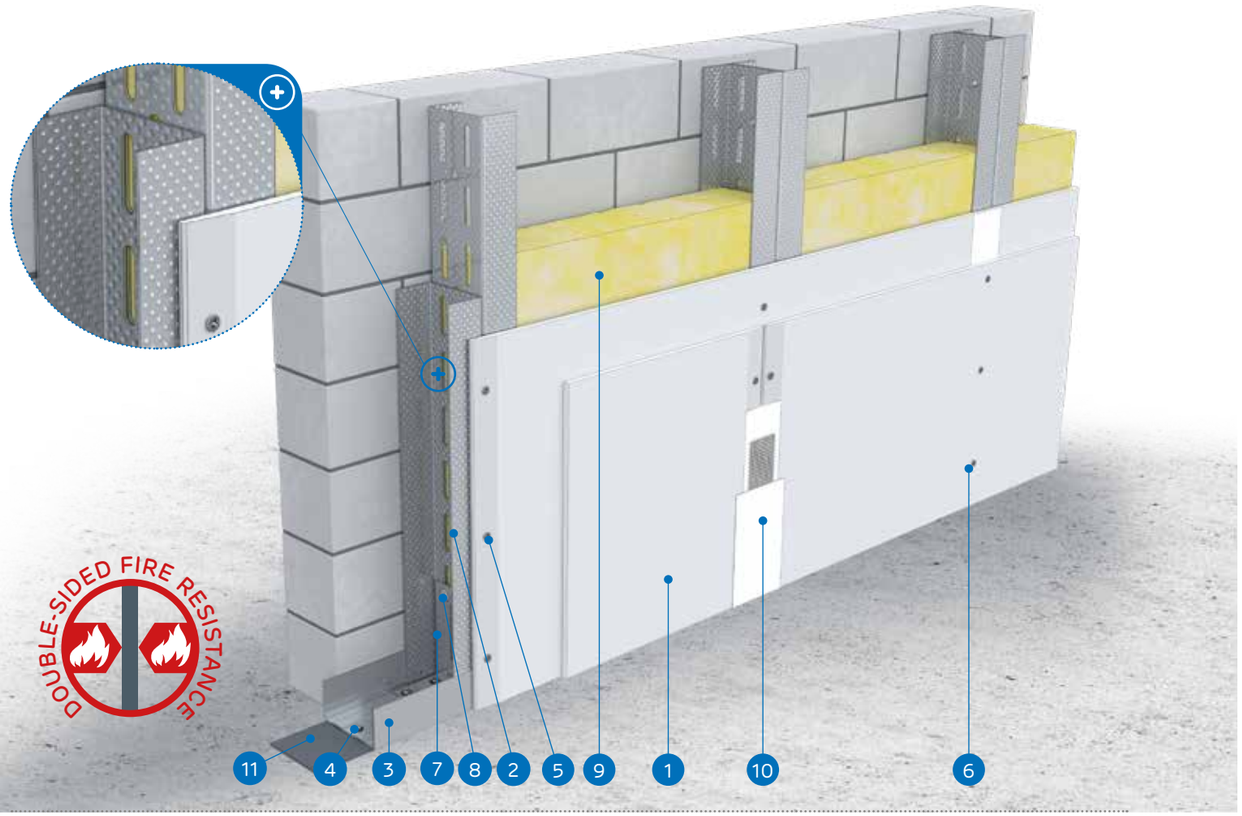
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI30 (R)EI60	N/A	8420 mm	26,0-41,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

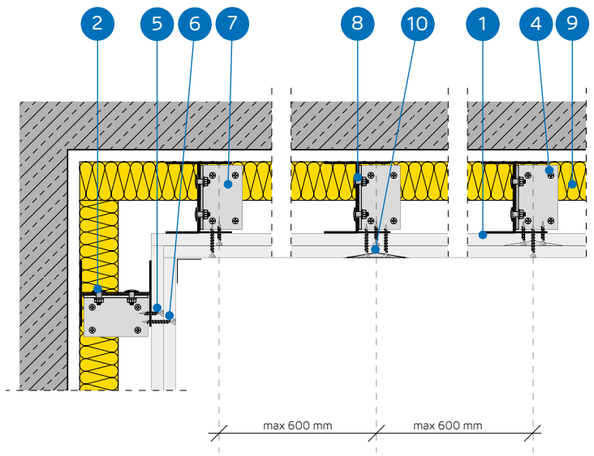
SYSTEMS:

UARUAR100-25; UARUAR100-27,5; UARUAR100-30



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR100 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U100 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA100 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



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THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR100-25/Expert	Expert	2x12,5	A	2xUAR100	600	optional	-	-	8420	-	-	-	26,0	-	-
UARUAR100-25/Woda [3]	Woda	2x12,5	H2	2xUAR100	600	optional	-	-	8420	-	-	-	26,0	-	-
UARUAR100-25/OgieńTypF	Ogień Typ F	2x12,5	F	2xUAR100	600	optional	-	-	6500	-	-	-	27,0	(R)EI30	-
UARUAR100-25/Ogień+	Ogień Plus	2x12,5	DF	2xUAR100	600	optional	-	-	6500	-	-	-	30,0	(R)EI30	-
UARUAR100-25/WodaOgień+	Woda Ogień Plus	2x12,5	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	30,0	(R)EI30	-
UARUAR100-25/Cicha	Cicha	2x12,5	DFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	36,0	(R)EI30	●
UARUAR100-25/Twarda	Twarda	2x12,5	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	36,0	(R)EI30	●
UARUAR100-25/Hydro	Hydro	2x12,5	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	32,0	(R)EI30	●
UARUAR100-27,5/Ogień+ [4]	Ogień Plus	1x12,5+1x15,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	34,0	(R)EI60	-
UARUAR100-30/Ogień+	Ogień Plus	2x15	DF	2xUAR100	600	optional	-	-	6500	-	-	-	37,0	(R)EI60	-
UARUAR100-30/Twarda	Twarda	2x15	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	41,0	(R)EI60	●
UARUAR100-30/Hydro	Hydro	2x15	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	37,0	(R)EI60	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] Within the system for the fire resistance (R)EI60 and 1x12.5 mm + 1x15.0 mm configuration the Nida Ogień Plus type DF board can be replaced only with the Nida Woda Ogień Plus type DFH2 boards.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk											
		UARUAR100-25/ Expert	UARUAR100-25/ Woda	UARUAR100-25/ OgieńTypF	UARUAR100-25/ Ogień+	UARUAR100-25/ WodaOgień+	UARUAR100-25/ Cicha	UARUAR100-25/ Twarda	UARUAR100-25/ Hydro	UARUAR100-27,5/ Ogień+	UARUAR100-30/ Ogień+	UARUAR100-30/ Twarda	UARUAR100-30/ Hydro
		Consumption of material per 1m²											
Nida Expert 12,5 mm plasterboard	m²	2,0	-	-	-	-	-	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	2,0	-	-	-	-	-	-	-	-	-	-
Nida Ogień Type F 12,5 mm plasterboard	m²	-	-	2,0	-	-	-	-	-	-	-	-	-
Nida Ogień Plus 12,5 mm plasterboard	m²	-	-	-	2,0	-	-	-	-	1,0	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	-	-	-	2,0	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	-	-	-	2,0	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	1,0	2,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	2,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	-	-	-	-	2,0
NIDA UAR100 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	-	-	-	4,0	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	12,0	12,0	12,0	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	-	12,0	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	16,0	16,0	-	-	-	16,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	4,0	-	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	-	-	12,0	-	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,6	0,6	0,6	0,6	0,6	0,6	-	-	0,6	0,6	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	0,1	0,1	0,1	-	-	0,1	0,1	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	-	-	-	-	0,7	0,7	-	-	0,7	0,7
Mineral wool [7]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

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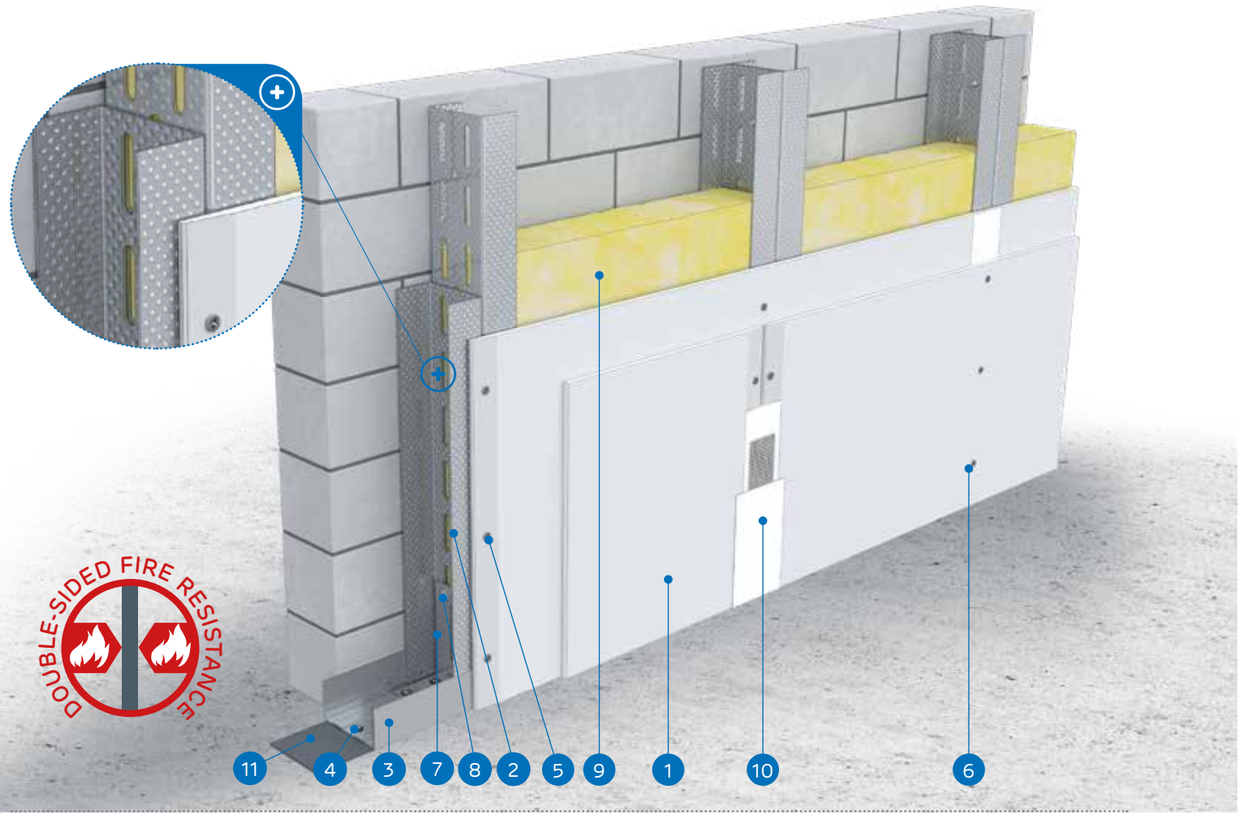
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI60 (R)EI120	N/A	6500 mm	40,0-51,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

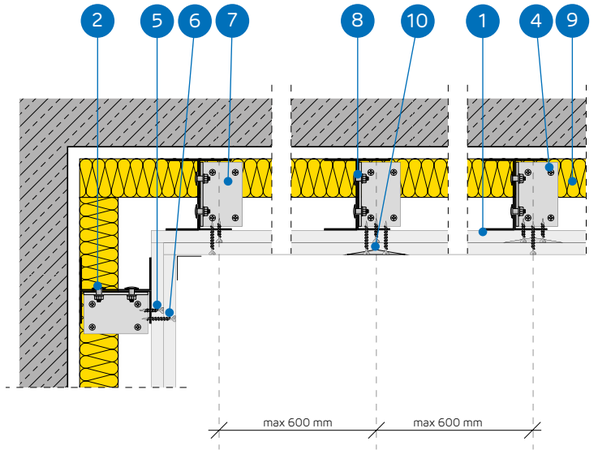
SYSTEMS:

UARUAR100-37,5; UARUAR100-45



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR100 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U100 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA100 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE FIRST DRYWALL ENCASEMENT SYSTEM WITH THE CE MARKING AVAILABLE ON THE MARKET

THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR100-37,5/Ogień+	Ogień Plus	3x12,5	DF	2xUAR100	600	optional	-	-	6500	-	-	-	40,0	(R)EI60	-
UARUAR100-37,5/WodaOgień+	Woda Ogień Plus	3x12,5	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	40,0	(R)EI60	-
UARUAR100-37,5/Cicha	Cicha	3x12,5	DFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	49,0	(R)EI60	●
UARUAR100-37,5/Twarda	Twarda	3x12,5	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	49,0	(R)EI60	●
UARUAR100-37,5/Hydro	Hydro	3x12,5	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	43,0	(R)EI60	●
UARUAR100-45/Ogień+ [3]	Ogień Plus	3x15,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	51,0	(R)EI120	-
UARUAR100-45/WodaOgień+ [3]	Woda Ogień Plus	3x15,0	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	51,0	(R)EI120	-

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.
[3] Within the systems for the fire resistance (R)EI120 and 3x15.0 mm configuration replacement of board types is not possible.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		UARUAR100-37,5/ Ogień+	UARUAR100-37,5/ WodaOgień+	UARUAR100-37,5/ Cicha	UARUAR100-37,5/ Twarda	UARUAR100-37,5/ Hydro	UARUAR100-45/ Ogień+	UARUAR100-45/ WodaOgień+
		Consumption of material per 1m²						
Nida Ogień Plus 12,5 mm plasterboard	m²	3,0	-	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	3,0	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	3,0	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	3,0	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	3,0	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	3,0	-
Nida Woda Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	-	3,0
NIDA UAR100 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [4]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	4,0
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	4,0
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0	-	-	-	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	12,0	12,0
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	-
Nida Hydro CS 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro CS 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-
Nida Hydro CS 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,9	0,9	0,9	-	-	0,9	0,9
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	0,1
Nida Hydromix ready-to-use joint filler [5]	kg	-	-	-	1,0	1,0	-	1,3
Mineral wool [6]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[4] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[4] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[6] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

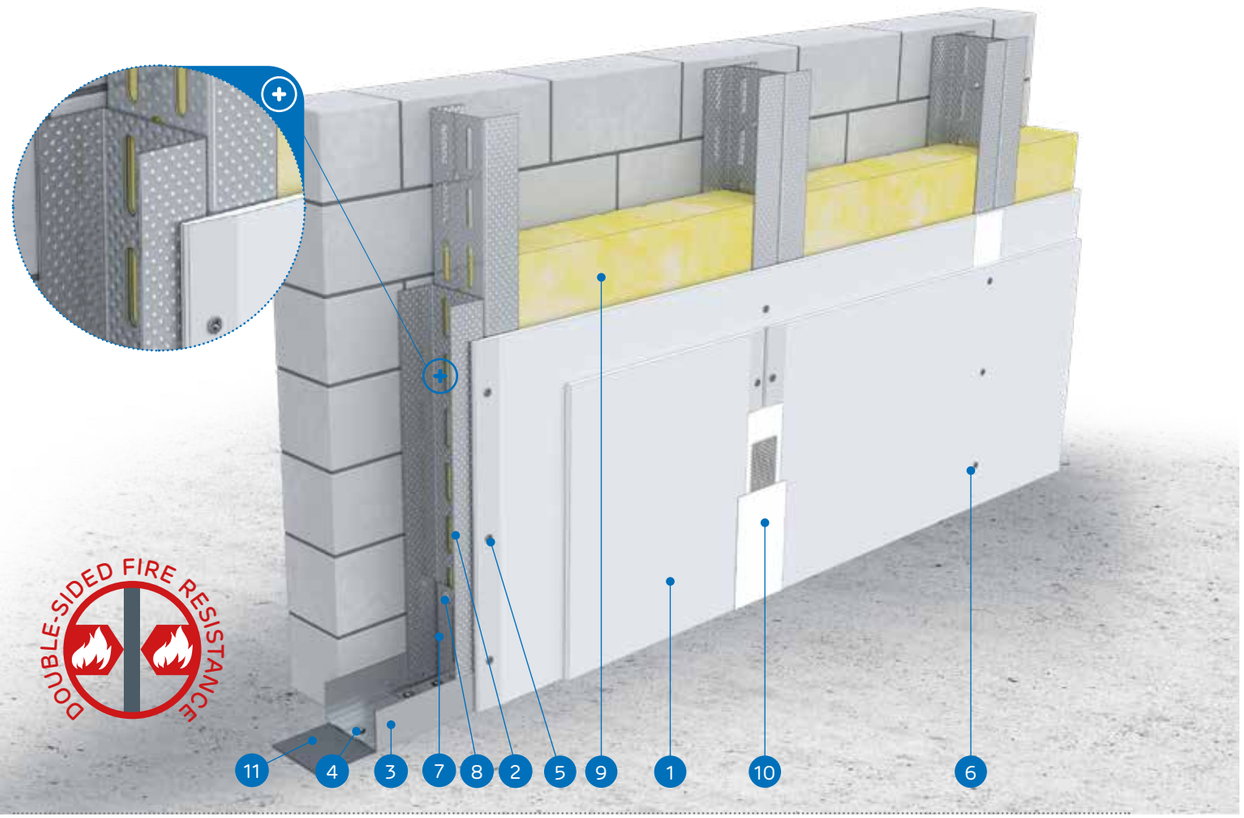
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
(R)EI90 (R)EI120	N/A	6500 mm	50,0-72,0 kg	Fire classification

Fire classification:
LBO-074-KZ/22

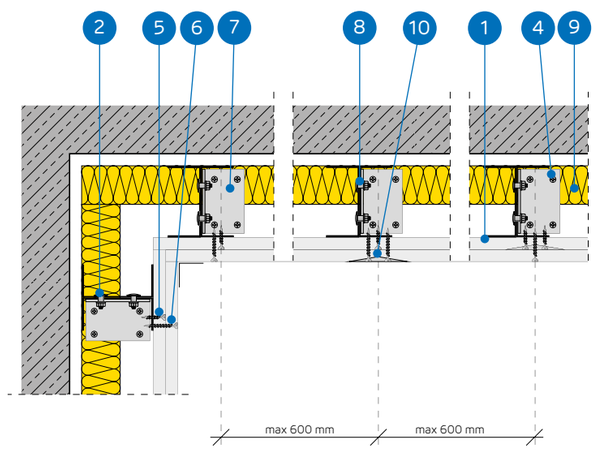
SYSTEMS:

UARUAR100-50; UARUAR100-55; UARUAR100-60



MATERIALS:

1. Nida plasterboard
2. Nida 2x UAR100 profile (profiles screwed together by their webs with utilisation of M8 FLAT HEAD type bolts with a serrated nut)
3. Nida U100 profile
4. Anchoring element
5. Nida 3.5x25 mm screws for 2 mm thick sheet metal
6. Nida 3.5x35 mm screws for 2 mm thick sheet metal
7. Angle profile for UA100 profiles
8. FLAT HEAD M8 bolt with serrated nut
9. Insulation material mineral wool (optional)
10. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
11. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING WITH THE NIDA UARUAR100 STRUCTURE

TECHNICAL PARAMETERS

Nida Tynk system name [2]	Plasterboard sheathing			Load-bearing structure		Insulation material			Maximum height [1]	Acoustic insulation			Weight of 1m² of encasement	Fire resistance class	Special system
				Type of Nida profile	Axial spacing between Nida profiles	Within the range of the acoustic insulation									
	Nida	Thickness [mm]	Marking acc. to standard		[mm]	Mineral wool	Thickness [mm]	Density [kg/m³]	[mm]	Rw [dB]	Ra1 [dB]	Ra2 [dB]	[kg]	[min]	
UARUAR100-50/Ogień+	Ogień Plus	4x12,5	DF	2xUAR100	600	optional	-	-	6500	-	-	-	50,0	(R)EI90	-
UARUAR100-50/WodaOgień+	Woda Ogień Plus	4x12,5	DFH2	2xUAR100	600	optional	-	-	6500	-	-	-	50,0	(R)EI90	-
UARUAR100-50/Cicha	Cicha	4x12,5	DFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	61,0	(R)EI90	●
UARUAR100-50/Twarda	Twarda	4x12,5	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	61,0	(R)EI90	●
UARUAR100-50/Hydro	Hydro	4x12,5	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	53,0	(R)EI90	●
UARUAR100-55/Ogień+	Ogień Plus	2x12,5+2x15,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	57,0	(R)EI120	-
UARUAR100-55/Twarda	Twarda	2x12,5+2x15,0	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	67,0	(R)EI120	●
UARUAR100-55/Hydro	Hydro	2x12,5+2x15,0	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	59,0	(R)EI120	●
UARUAR100-60/Ogień+	Ogień Plus	4x15,0	DF	2xUAR100	600	optional	-	-	6500	-	-	-	64,0	(R)EI120	-
UARUAR100-60/Twarda	Twarda	4x15,0	DEFH1IR	2xUAR100	600	optional	-	-	6500	-	-	-	72,0	(R)EI120	●
UARUAR100-60/Hydro	Hydro	4x15,0	GMFH1I	2xUAR100	600	optional	-	-	6500	-	-	-	64,0	(R)EI120	●

[1] Technical opinion ITB 1060/12/R33NK.
[2] Fire classification LBO-074-KZ/22.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk										
		UARUAR100-50/ Ogień+	UARUAR100-50/ WodaOgień+	UARUAR100-50/ Cicha	UARUAR100-50/ Twarda	UARUAR100-50/ Hydro	UARUAR100-55/ Ogień+	UARUAR100-55/ Twarda	UARUAR100-55/ Hydro	UARUAR100-60/ Ogień+	UARUAR100-60/ Twarda	UARUAR100-60/ Hydro
		Consumption of material per 1m²										
Nida Ogień Plus 12,5 mm plasterboard	m²	4,0	-	-	-	-	2,0	-	-	-	-	-
Nida Woda Ogień Plus 12,5 mm plasterboard	m²	-	4,0	-	-	-	-	-	-	-	-	-
Nida Cicha 12,5 mm plasterboard	m²	-	-	4,0	-	-	-	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	-	4,0	-	-	2,0	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	-	4,0	-	-	2,0	-	-	-
Nida Ogień Plus 15.0 mm plasterboard	m²	-	-	-	-	-	2,0		-	4,0	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	-	-	2,0	-	-	4,0	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	-	-	2,0	-	-	4,0
NIDA UAR100 frame profile	lm	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6	3,6
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida angle profile for UA100 profile	pcs.	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
FLAT HEAD M8 bolt with serrated nut	pcs.	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0	8,0
Anchoring element [3]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9	0,9
Nida 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x35 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	-	-	-	-	-	-
Nida 3.5x45 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	-	4,0	-	-	4,0	-	-
Nida 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	4,0	4,0	-	-	-	4,0	-	-	4,0	-	-
Nida 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	12,0	12,0				12,0	-	-	12,0	-	-
Nida Twarda 3.5x50 mm screws for 2 mm thick sheet metal	pcs.	-	-	8,0	8,0	-	-	8,0	-	-	8,0	-
Nida Twarda 4.2x65 mm screws for 2 mm thick sheet metal	pcs.	-	-	4,0	4,0	-	-	4,0	-	-	4,0	-
Nida Twarda 4.2x75 mm screws for 2 mm thick sheet metal	pcs.	-	-	12,0	12,0	-	-	12,0	-	-	12,0	-
Nida Hydro C5 3.5x25 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x41 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Hydro C5 3.5x55 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	4,0	-	-	4,0	-	-	4,0
Nida Twarda 4.2x70 mm screws for 2 mm thick sheet metal	pcs.	-	-	-	-	12,0	-	-	12,0	-	-	12,0
Nida reinforcement tape	lm	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4	1,4
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	1,2	1,2	1,2	-	-	1,2	-	-	1,2	-	-
Nida Finish gypsum putty	kg	0,1	0,1	0,1	-	-	0,1	-	-	0,1	-	-
Nida Hydromix ready-to-use joint filler [4]	kg	-	-	-	1,3	1,3	-	1,3	1,3	-	1,3	1,3
Mineral wool [5]	m²	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0

[3] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[4] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[5] Application acc. to the requirements
The standards concerning the amount of utilised material do not cover the loss of the material.

nida Tynk

THE TABLES FOR SELECTING THE MAXIMUM HEIGHT FOR THE NIDA TYNK SYSTEM WITH A REDUCED SPACING AND/OR DOUBLING OF THE NIDA C50, C75, C100 LOAD-BEARING STRUCTURE WITHOUT FIRE RESISTANCE REQUIREMENTS

TECHNICAL PARAMETERS

Nida Tynk system name [1]	Number of Nida sheathing layers	Nida structure type		Linear load [3]		ETAG 003
				500 N/m	1000 N/m	
				Range 1	Range 2	
		Type of Nida profile	Axial spacing between Nida profiles	Maximum height [2]		
			[mm]	[mm]	[mm]	
C50-12,5	1x12,5	C50/U50	600	3200	1900	IV
C50-25	2x12.5 and more	C50/U50	600	3360	2180	IV
C50-12,5-400	1x12,5	C50/U50	400	3470	2420	IV
C50-25-400	2x12.5 and more	C50/U50	400	3640	2740	IV
C50-12,5-300	1x12,5	C50/U50	300	3750	2940	IV
C50-25-300	2x12.5 and more	C50/U50	300	3910	3300	IV
CC50-12,5	1x12,5	2xC50/U50	600	4000	3370	IV
CC50-25	2x12.5 and more	2xC50/U50	600	4150	3500	IV
CC50-12,5-400	1x12,5	2xC50/U50	400	4170	3500	IV
CC50-25-400	2x12.5 and more	2xC50/U50	400	4520	381	IV
CC50-12,5-300	1x12,5	2xC50/U50	300	4790	4040	IV
CC50-25-300	2x12.5 and more	2xC50/U50	300	4880	4120	IV
C75-12,5	1x12,5	C75/U75	600	3980	3360	IV
C75-25	2x12.5 and more	C75/U75	600	4330	3650	IV
C75-12,5-400	1x12,5	C75/U75	400	4350	3670	IV
C75-25-400	2x12.5 and more	C75/U75	400	4730	3990	IV
C75-12,5-300	1x12,5	C75/U75	300	4720	3980	IV
C75-25-300	2x12.5 and more	C75/U75	300	5130	4330	IV
CC75-12,5	1x12,5	2xC75/U75	600	5210	4400	IV
CC75-25	2x12.5 and more	2xC75/U75	600	5400	4560	IV
CC75-12,5-400	1x12,5	2xC75/U75	400	5720	4820	IV
CC75-25-400	2x12.5 and more	2xC75/U75	400	5860	4950	IV
CC75-12,5-300	1x12,5	2xC75/U75	300	6220	5250	IV
CC75-25-300	2x12.5 and more	2xC75/U75	300	6330	5340	IV
C100-12,5	1x12,5	C100/U100	600	4620	3900	IV
C100-25	2x12.5 and more	C100/U100	600	5010	4230	IV
C100-12,5-400	1x12,5	C100/U100	400	5150	4350	IV
C100-25-400	2x12.5 and more	C100/U100	400	5490	4630	IV
C100-12,5-300	1x12,5	C100/U100	300	5680	4790	IV
C100-25-300	2x12.5 and more	C100/U100	300	5970	5030	IV
CC100-12,5	1x12,5	2xC100/U100	600	6420	5410	IV
CC100-25	2x12.5 and more	2xC100/U100	600	6900	5820	IV
CC100-12,5-400	1x12,5	2xC100/U100	400	7010	5910	IV
CC100-25-400	2x12.5 and more	2xC100/U100	400	7420	6260	IV
CC100-12,5-300	1x12,5	2xC100/U100	300	7600	6410	IV
CC100-25-300	2x12.5 and more	2xC100/U100	300	7930	6690	IV

[1] Application of all the Nida plasterboard types is accepted.
[2] The maximum height acc. to the ITB 1060/12/R33NK technical opinion
[3] Range 1 - includes the walls of rooms occupied by a limited number of people, e.g. apartment rooms, hotel rooms, hospital rooms, and other utilised in a similar manner.
Range 2 - includes the walls of rooms occupied by a large number of people, e.g. large conference halls, classrooms, lecture rooms, and other utilised in a similar manner.

nida Tynk

THE TABLES FOR SELECTING THE MAXIMUM HEIGHT FOR THE NIDA TYNK SYSTEM WITH A REDUCED SPACING AND/OR DOUBLING OF THE NIDA UAR50, UAR75, UAR100 LOAD-BEARING STRUCTURE WITHOUT FIRE RESISTANCE REQUIREMENTS

TECHNICAL PARAMETERS

Nida Tynk system name [1]	Number of Nida sheathing layers	Nida structure type		Linear load [3]		ETAG 003
				500 N/m	1000 N/m	
				Range 1	Range 2	
		Type of Nida profile	Axial spacing between Nida profiles	Maximum height [2]		
			[mm]	[mm]	[mm]	
UAR50-12,5	1x12,5	UAR50/U50	600	3880	3240	IV
UAR50-25	2x12.5 and more	UAR50/U50	600	4050	3420	IV
UAR50-12,5-400	1x12,5	UAR50/U50	400	4170	3500	IV
UAR50-25-400	2x12.5 and more	UAR50/U50	400	4340	3660	IV
UAR50-12,5-300	1x12,5	UAR50/U50	300	4470	3770	IV
UAR50-25-300	2x12.5 and more	UAR50/U50	300	4640	3910	IV
UARUAR50-12,5	1x12,5	2xUAR50/U50	600	5000	4220	IV
UARUAR50-25	2x12.5 and more	2xUAR50/U50	600	5310	4480	IV
UARUAR50-12,5-400	1x12,5	2xUAR50/U50	400	5390	4550	IV
UARUAR50-25-400	2x12.5 and more	2xUAR50/U50	400	5660	4770	IV
UARUAR50-12,5-300	1x12,5	2xUAR50/U50	300	5780	4870	IV
UARUAR50-25-300	2x12.5 and more	2xUAR50/U50	300	6010	5070	IV
UAR75-12,5	1x12,5	UAR75/U75	600	5130	4330	IV
UAR75-25	2x12.5 and more	UAR75/U75	600	5170	4360	IV
UAR75-12,5-400	1x12,5	UAR75/U75	400	5620	4740	IV
UAR75-25-400	2x12.5 and more	UAR75/U75	400	5700	4810	IV
UAR75-12,5-300	1x12,5	UAR75/U75	300	6100	5140	IV
UAR75-25-300	2x12.5 and more	UAR75/U75	300	6230	5250	IV
UARUAR75-12,5	1x12,5	2xUAR75/U75	600	6590	5560	IV
UARUAR75-25	2x12.5 and more	2xUAR75/U75	600	6760	5700	IV
UARUAR75-12,5-400	1x12,5	2xUAR75/U75	400	7210	6080	IV
UARUAR75-25-400	2x12.5 and more	2xUAR75/U75	400	7390	6230	IV
UARUAR75-12,5-300	1x12,5	2xUAR75/U75	300	7840	6610	IV
UARUAR75-25-300	2x12.5 and more	2xUAR75/U75	300	8020	6770	IV
UAR100-12,5	1x12,5	UAR100/U100	600	6170	5210	IV
UAR100-25	2x12.5 and more	UAR100/U100	600	6250	5270	IV
UAR100-12,5-400	1x12,5	UAR100/U100	400	6840	5770	IV
UAR100-25-400	2x12.5 and more	UAR100/U100	400	6930	5850	IV
UAR100-12,5-300	1x12,5	UAR100/U100	300	7510	6330	IV
UAR100-25-300	2x12.5 and more	UAR100/U100	300	7620	6420	IV
UARUAR100-12,5	1x12,5	2xUAR100/U100	600	8310	7010	IV
UARUAR100-25	2x12.5 and more	2xUAR100/U100	600	8420	7100	IV
UARUAR100-12,5-400	1x12,5	2xUAR100/U100	400	9140	7710	IV
UARUAR100-25-400	2x12.5 and more	2xUAR100/U100	400	9180	7740	IV
UARUAR100-12,5-300	1x12,5	2xUAR100/U100	300	9930	8380	IV
UARUAR100-25-300	2x12.5 and more	2xUAR100/U100	300	9970	8410	IV

[1] Application of all the Nida plasterboard types is accepted.
[2] The maximum height acc. to the ITB 1060/12/R33NK technical opinion
[3] Range 1 - includes the walls of rooms occupied by a limited number of people, e.g. apartment rooms, hotel rooms, hospital rooms, and other utilised in a similar manner.
Range 2 - includes the walls of rooms occupied by a large number of people, e.g. large conference halls, classrooms, lecture rooms, and other utilised in a similar manner.

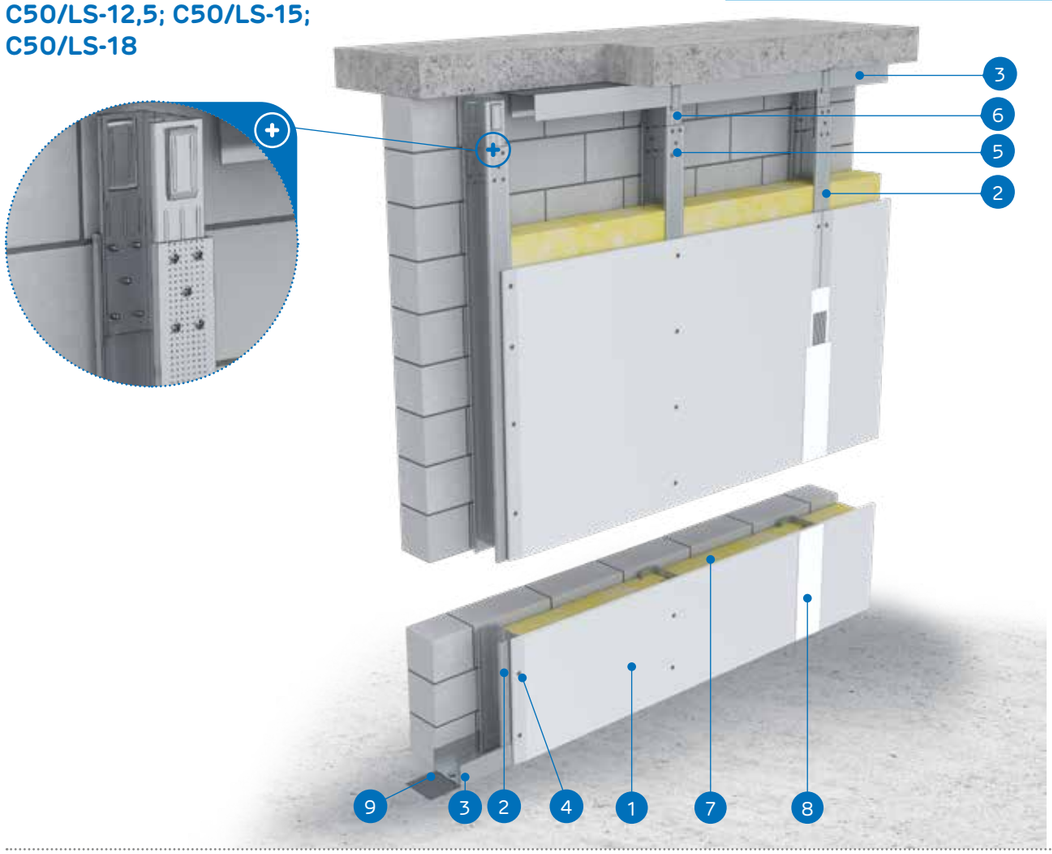
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
N/A	N/A	3200 mm	12,0-19,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

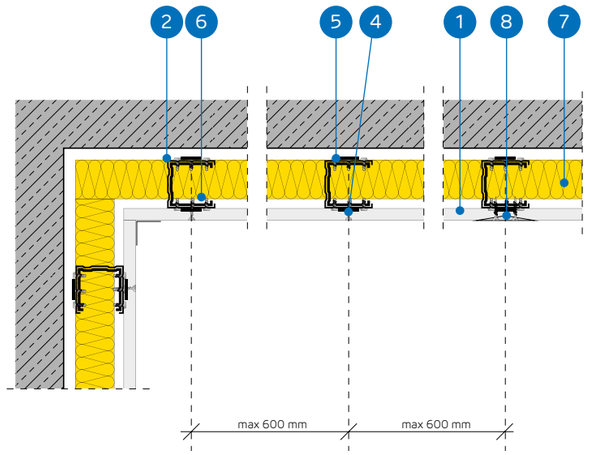
SYSTEMS:

C50/LS-12,5; C50/LS-15; C50/LS-18



MATERIALS:

1. Nida plasterboard
2. Nida C50 profile
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
6. Nida LS50 stabilising connector
7. Insulation material mineral wool
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING SUPPORTED ON THE NIDA C50 STRUCTURE WITH THE NIDA LS STABILISING CONNECTORS

TECHNICAL PARAMETERS

Nida Tynk system name [4]	Plasterboard sheathing					Load-bearing structure		Insulation material	Maximum height [2]	Weight of 1m² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	The minimal range with sheathing in relation to the height [1]	The maximal range without sheathing in relation to the height [1]	Nida LS type stabilising fastener	Spacing of the Nida C50 profiles [mm]	Mineral wool	[mm]	[kg]	[min]	
C50/LS-12,5/Expert	Expert	12,5	A	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	12,0	-	-
C50/LS-12,5/Woda [3]	Woda	12,5	H2	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	12,0	-	-
C50/LS-12,5/Twarda	Twarda	12,5	DEFH1IR	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	17,0	-	●
C50/LS-12,5/Hydro	Hydro	12,5	GMFH1I	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	15,0	-	●
C50/LS-15/Twarda	Twarda	15,0	DEFH1IR	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	19,0	-	●
C50/LS-15/Hydro	Hydro	15,0	GMFH1I	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	17,0	-	●
C50/LS-18/Ogień+	Ogień Plus	18,0	DF	[3/4]	[1/4]	Nida LS50	600	glass / rock	3200	18,0	-	-

[1] The research works concerning the partition systems with utilisation of the Nida LS stabilising fastener: ITB 1060/12/R42NK.
[2] Technical opinion ITB 1060/12/R33NK. (For any higher requirements related to the maximum height, the spacing of the load-bearing structure elements should be lowered and/or the load-bearing structure should be doubled).
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		C50/LS-12,5/ Expert	C50/LS-12,5/ Woda	C50/LS-12,5/ Twarda	C50/LS-12,5/ Hydro	C50/LS-15/ Twarda	C50/LS-15/ Hydro	C50/LS-18/ Ogień+
		Consumption of material per 1m²						
Nida Expert 12,5 mm plasterboard	m²	0,75	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	0,75	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	0,75	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	0,75	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	0,75	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	0,75	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	0,75
Nida C50 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida LS50 stabilising connector	pcs.	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	9,0	9,0	-	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	9,0
FixDens 4.2x25 mm screws	pcs.	-	-	9,0	-	9,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	9,0	-	9,0	-
Nida reinforcement tape	lm	1,05	1,05	1,05	1,05	1,05	1,05	1,05
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,23	0,23	-	-	-	-	0,23
Nida Finish gypsum putty	kg	0,07	0,07	-	-	-	-	0,07
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	0,3	0,3	0,3	0,3	-
Mineral wool [7]	m²	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

INDEPENDENT WALL CLADDING

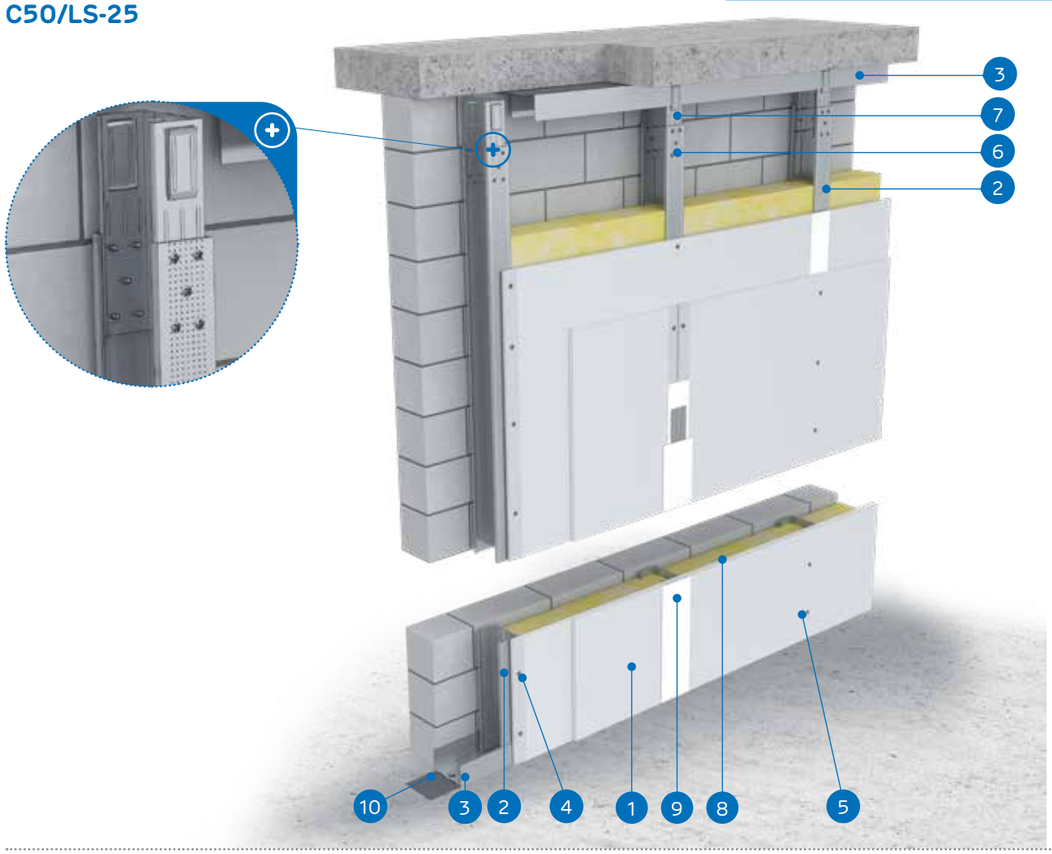
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
N/A	N/A	3360 mm	20,0-29,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

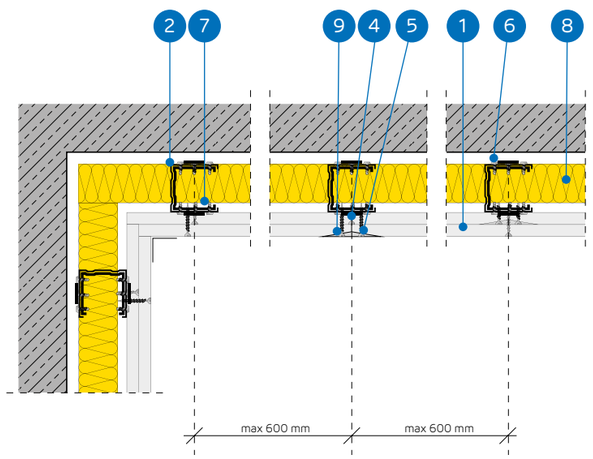
SYSTEMS:

C50/LS-25



MATERIALS:

1. Nida plasterboard
2. Nida C50 profile
3. Nida U50 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
7. Nida LS50 stabilising connector
8. Insulation material mineral wool
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING SUPPORTED ON THE NIDA C50 STRUCTURE WITH THE NIDA LS STABILISING CONNECTORS

TECHNICAL PARAMETERS

Nida Tynk system name [4]	Plasterboard sheathing					Load-bearing structure		Insulation material	Maximum height [2]	Weight of 1m² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	The minimal range with sheathing in relation to the height [1]	The maximal range without sheathing in relation to the height [1]	Nida LS type stabilising fastener	Spacing of the Nida C50 profiles [mm]	Mineral wool	[mm]	[kg]	[min]	
C50/LS-25/Expert	Expert	2x12,5	A	[3/4]	[1/4]	Nida LS50	600	glass / rock	3360	20,0	-	-
C50/LS-25/Woda [3]	Woda	2x12,5	H2	[3/4]	[1/4]	Nida LS50	600	glass / rock	3360	20,0	-	-
C50/LS-25/Twarda	Twarda	2x12,5	DEFH1IR	[3/4]	[1/4]	Nida LS50	600	glass / rock	3360	29,0	-	●
C50/LS-25/Hydro	Hydro	2x12,5	GMFH1I	[3/4]	[1/4]	Nida LS50	600	glass / rock	3360	25,0	-	●

[1] The research works concerning the partition systems with utilisation of the Nida LS stabilising fastener: ITB 1060/12/R42NK.
[2] Technical opinion ITB 1060/12/R33NK. (For any higher requirements related to the maximum height, the spacing of the load-bearing structure elements should be lowered and/or the load-bearing structure should be doubled).
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk			
		C50/LS-25/Expert	C50/LS-25/Woda	C50/LS-25/Twarda	C50/LS-25/Hydro
		Consumption of material per 1m²			
Nida Expert 12,5 mm plasterboard	m²	1,5	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,5	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	1,5	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	1,5
Nida C50 profile	lm	1,8	1,8	1,8	1,8
Nida U50 profile	lm	0,7	0,7	0,7	0,7
Nida LS50 stabilising connector	pcs.	0,4	0,4	0,4	0,4
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	3,0	3,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	9,0	9,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	3,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	9,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	3,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	9,0
Nida reinforcement tape	lm	1,05	1,05	1,05	1,05
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,45	0,45	-	-
Nida Finish gypsum putty	kg	0,07	0,07	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	0,52	0,52
Mineral wool [7]	m²	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

www.siniat.pl

Nida systems search engine
www.systemynida.pl

Explore the characteristics of the Nida LS stabilising connector – enter www.siniat.pl and download the brochure

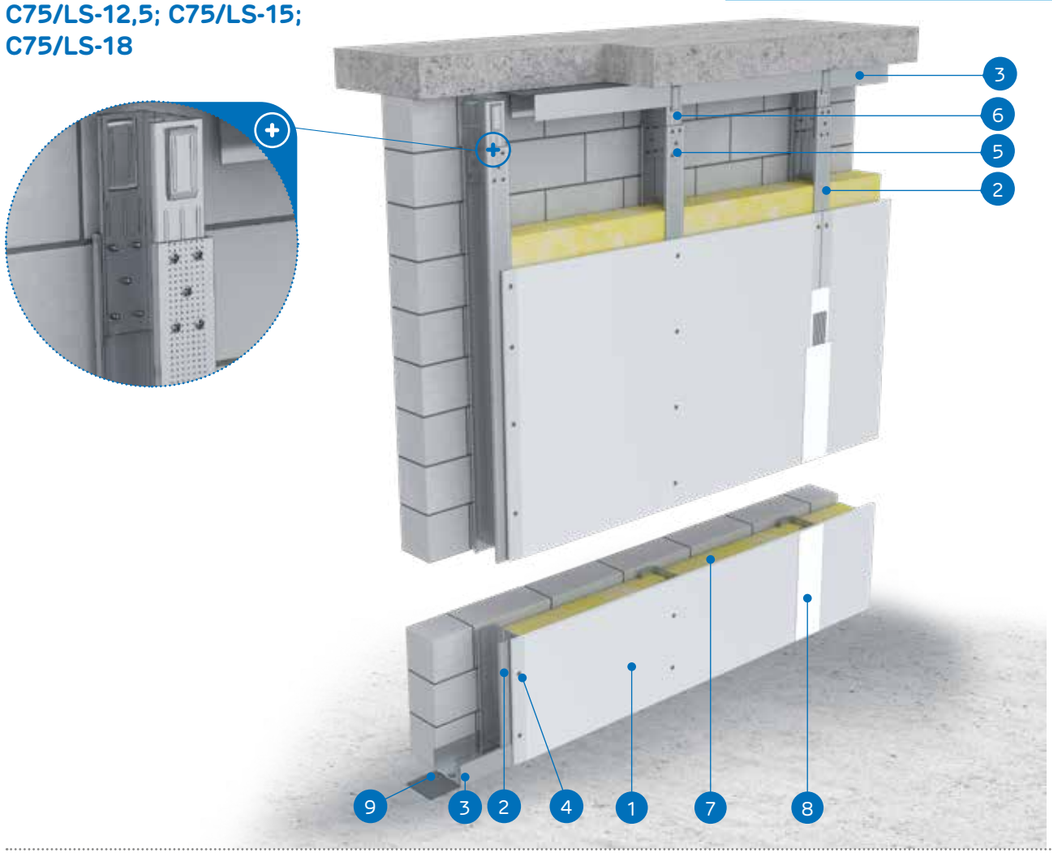
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
N/A	N/A	3980 mm	12,0-19,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

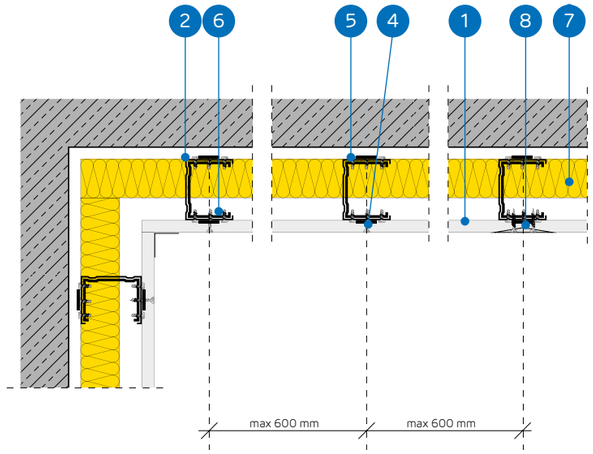
SYSTEMS:

C75/LS-12,5; C75/LS-15; C75/LS-18



MATERIALS:

1. Nida plasterboard
2. Nida C75 profile
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
6. Nida LS75 stabilising connector
7. Insulation material mineral wool
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING SUPPORTED ON THE NIDA C75 STRUCTURE WITH THE NIDA LS STABILISING CONNECTORS

TECHNICAL PARAMETERS

Nida Tynk system name [4]	Plasterboard sheathing					Load-bearing structure		Insulation material	Maximum height [2]	Weight of 1m² of encase-ment	Fire resistan-ce class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	The minimal range with sheathing in relation to the height [1]	The maximal range without sheathing in relation to the height [1]	Nida LS type stabilising fastener	Spacing of the Nida C75 profiles [mm]	Mineral wool	[mm]	[kg]	[min]	
C75/LS-12,5/Expert	Expert	12,5	A	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	12,0	-	-
C75/LS-12,5/Woda [3]	Woda	12,5	H2	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	12,0	-	-
C75/LS-12,5/Twarda	Twarda	12,5	DEFH1IR	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	17,0	-	●
C75/LS-12,5/Hydro	Hydro	12,5	GMFH1I	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	15,0	-	●
C75/LS-15/Twarda	Twarda	15,0	DEFH1IR	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	19,0	-	●
C75/LS-15/Hydro	Hydro	15,0	GMFH1I	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	17,0	-	●
C75/LS-18/Ogień+	Ogień Plus	18,0	DF	[3/4]	[1/4]	Nida LS75	600	glass / rock	3980	18,0	-	-

[1] The research works concerning the partition systems with utilisation of the Nida LS stabilising fastener: ITB 1060/12/R42NK.
[2] Technical opinion ITB 1060/12/R33NK. (For any higher requirements related to the maximum height, the spacing of the load-bearing structure elements should be lowered and/or the load-bearing structure should be doubled).
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		C75/LS-12,5/ Expert	C75/LS-12,5/ Woda	C75/LS-12,5/ Twarda	C75/LS-12,5/ Hydro	C75/LS-15/ Twarda	C75/LS-15/ Hydro	C75/LS-18/ Ogień+
		Consumption of material per 1m²						
Nida Expert 12,5 mm plasterboard	m²	0,75	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	0,75	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	0,75	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	0,75	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	0,75	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	0,75	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	0,75
Nida C75 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida LS75 stabilising connector	pcs.	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	9,0	9,0	-	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	9,0
FixDens 4.2x25 mm screws	pcs.	-	-	9,0	-	9,0	-	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	9,0	-	9,0	-
Nida reinforcement tape	lm	1,05	1,05	1,05	1,05	1,05	1,05	1,05
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,23	0,23	-	-	-	-	0,23
Nida Finish gypsum putty	kg	0,07	0,07	-	-	-	-	0,07
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	0,3	0,3	0,3	0,3	-
Mineral wool [7]	m²	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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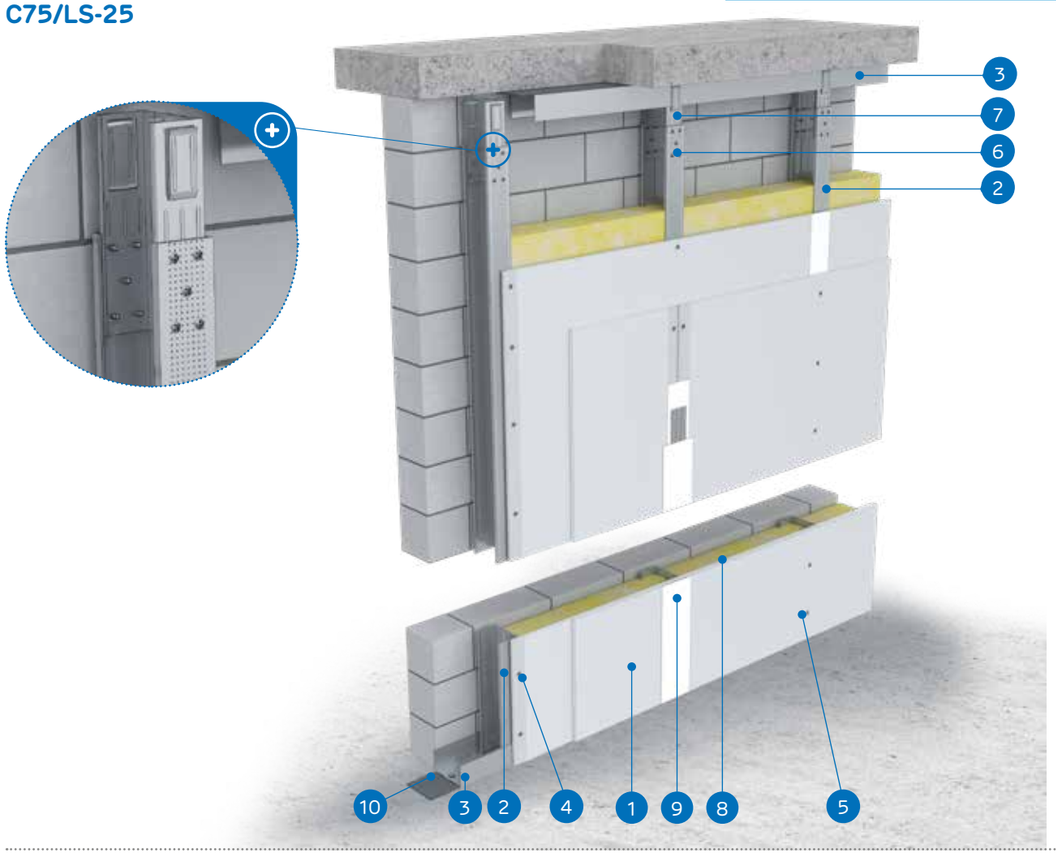
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
N/A	N/A	4330 mm	20,0-29,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

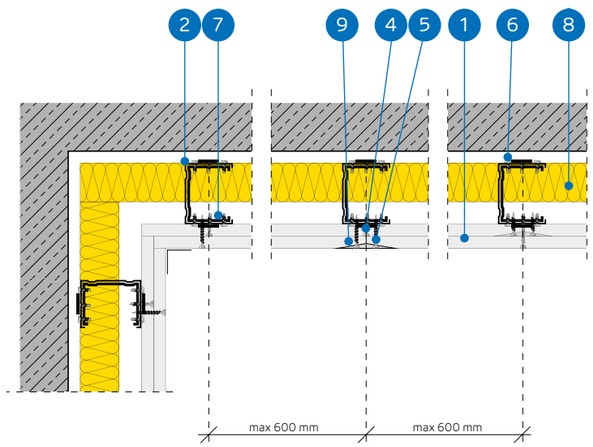
SYSTEMS:

C75/LS-25



MATERIALS:

1. Nida plasterboard
2. Nida C75 profile
3. Nida U75 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
7. Nida LS75 stabilising connector
8. Insulation material mineral wool
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING SUPPORTED ON THE NIDA C75 STRUCTURE WITH THE NIDA LS STABILISING CONNECTORS

TECHNICAL PARAMETERS

Nida Tynk system name [4]	Plasterboard sheathing					Load-bearing structure		Insulation material	Maximum height [2]	Weight of 1m² of encase-ment	Fire resistan-ce class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	The minimal range with sheathing in relation to the height [1]	The maximal range without sheathing in relation to the height [1]	Nida LS type stabilising fastener	Spacing of the Nida C75 profiles [mm]	Mineral wool	[mm]	[kg]	[min]	
C75/LS-25/Expert	Expert	2x12,5	A	[3/4]	[1/4]	Nida LS75	600	glass / rock	4330	20,0	-	-
C75/LS-25/Woda [3]	Woda	2x12,5	H2	[3/4]	[1/4]	Nida LS75	600	glass / rock	4330	20,0	-	-
C75/LS-25/Twarda	Twarda	2x12,5	DEFH1IR	[3/4]	[1/4]	Nida LS75	600	glass / rock	4330	29,0	-	●
C75/LS-25/Hydro	Hydro	2x12,5	GMFH1I	[3/4]	[1/4]	Nida LS75	600	glass / rock	4330	25,0	-	●

[1] The research works concerning the partition systems with utilisation of the Nida LS stabilising fastener: ITB 1060/12/R42NK.
[2] Technical opinion ITB 1060/12/R33NK. (For any higher requirements related to the maximum height, the spacing of the load-bearing structure elements should be lowered and/or the load-bearing structure should be doubled).
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk			
		C75/LS-25/Expert	C75/LS-25/Woda	C75/LS-25/Twarda	C75/LS-25/Hydro
		Consumption of material per 1m²			
Nida Expert 12,5 mm plasterboard	m²	1,5	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,5	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	1,5	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	1,5
Nida C75 profile	lm	1,8	1,8	1,8	1,8
Nida U75 profile	lm	0,7	0,7	0,7	0,7
Nida LS75 stabilising connector	pcs.	0,4	0,4	0,4	0,4
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	3,0	3,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	9,0	9,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	3,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	9,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	3,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	9,0
Nida reinforcement tape	lm	1,05	1,05	1,05	1,05
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,45	0,45	-	-
Nida Finish gypsum putty	kg	0,07	0,07	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	0,52	0,52
Mineral wool [7]	m²	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

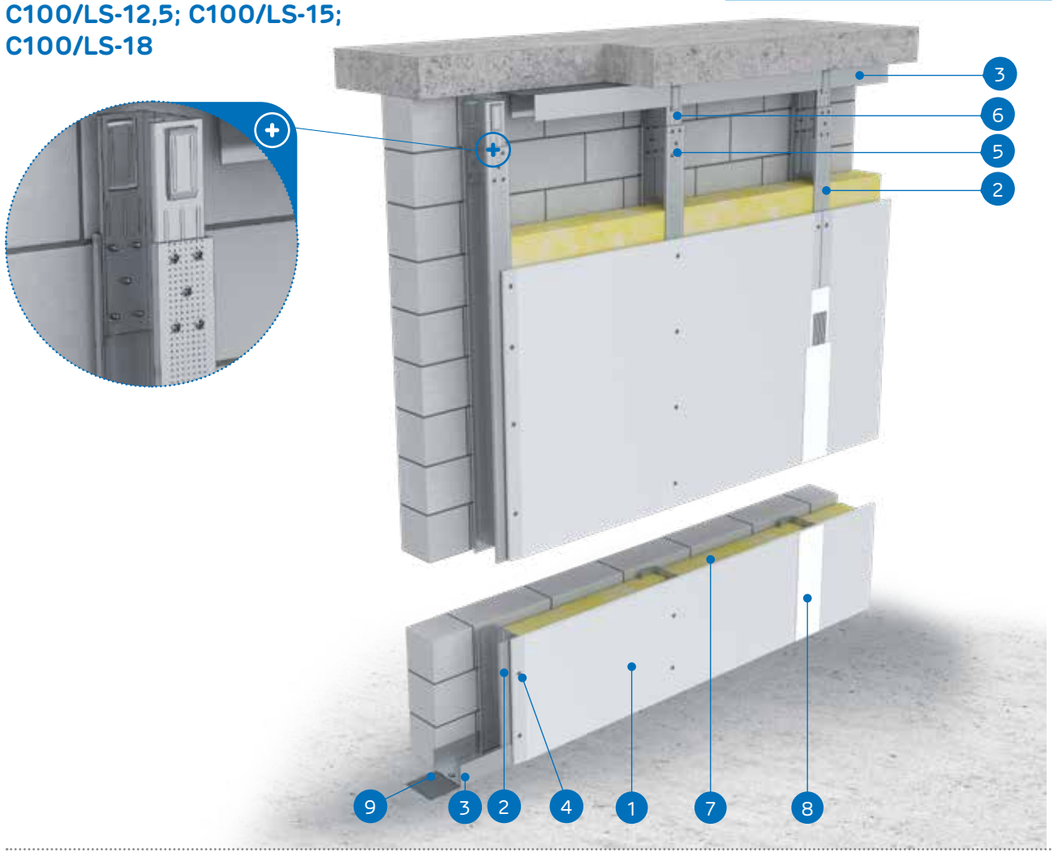
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
N/A	N/A	4620 mm	13,0-20,0 kg	ETA 15/0301

Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

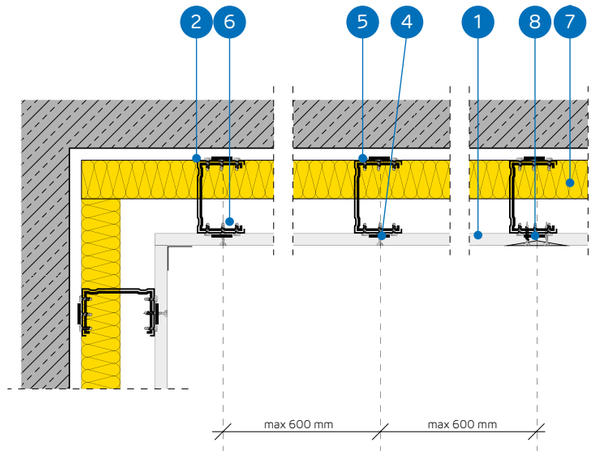
SYSTEMS:

C100/LS-12,5; C100/LS-15; C100/LS-18



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
6. Nida LS100 stabilising connector
7. Insulation material mineral wool
8. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
9. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING SUPPORTED ON THE NIDA C100 STRUCTURE WITH THE NIDA LS STABILISING CONNECTORS

TECHNICAL PARAMETERS

Nida Tynk system name [4]	Plasterboard sheathing					Load-bearing structure		Insulation material	Maximum height [2]	Weight of 1m² of encase-ment	Fire resistan-ce class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	The minimal range with sheathing in relation to the height [1]	The maximal range without sheathing in relation to the height [1]	Nida LS type stabilising fastener	Spacing of the Nida C100 profiles [mm]	Mineral wool	[mm]	[kg]	[min]	
C100/LS-12,5/Expert	Expert	12,5	A	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	13,0	-	-
C100/LS-12,5/Woda [3]	Woda	12,5	H2	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	13,0	-	-
C100/LS-12,5/Twarda	Twarda	12,5	DEFH1IR	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	18,0	-	●
C100/LS-12,5/Hydro	Hydro	12,5	GMFH1I	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	16,0	-	●
C100/LS-15/Twarda	Twarda	15,0	DEFH1IR	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	20,0	-	●
C100/LS-15/Hydro	Hydro	15,0	GMFH1I	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	18,0	-	●
C100/LS-18/Ogień+	Ogień Plus	18,0	DF	[3/4]	[1/4]	Nida LS100	600	glass / rock	4620	19,0	-	-

[1] The research works concerning the partition systems with utilisation of the Nida LS stabilising fastener: ITB 1060/12/R42NK.
[2] Technical opinion ITB 1060/12/R33NK. (For any higher requirements related to the maximum height, the spacing of the load-bearing structure elements should be lowered and/or the load-bearing structure should be doubled).
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk						
		C100/LS-12,5/ Expert	C100/LS-12,5/ Woda	C100/LS-12,5/ Twarda	C100/LS-12,5/ Hydro	C100/LS-15/ Twarda	C100/LS-15/ Hydro	C100/LS-18/ Ogień+
		Consumption of material per 1m²						
Nida Expert 12,5 mm plasterboard	m²	0,75	-	-	-	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	0,75	-	-	-	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	0,75	-	-	-	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	0,75	-	-	-
Nida Twarda 15.0 mm plasterboard	m²	-	-	-	-	0,75	-	-
Nida Hydro 15.0 mm plasterboard	m²	-	-	-	-	-	0,75	-
Nida Ogień Plus 18.0 mm plasterboard	m²	-	-	-	-	-	-	0,75
Nida C100 profile	lm	1,8	1,8	1,8	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7	0,7	0,7	0,7
Nida LS100 stabilising connector	pcs.	0,4	0,4	0,4	0,4	0,4	0,4	0,4
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9	0,9	0,9	0,9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	9,0	9,0	-	-	-	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	-	-	-	-	-	-	9,0
FixDens 4.2x25 mm screws	pcs.	-	-	9,0	-	9,0	-	-
Nida Hydro CS 3.5x25 mm sheet metal screws	pcs.	-	-	-	9,0	-	9,0	-
Nida reinforcement tape	lm	1,05	1,05	1,05	1,05	1,05	1,05	1,05
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,23	0,23	-	-	-	-	0,23
Nida Finish gypsum putty	kg	0,07	0,07	-	-	-	-	0,07
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	0,3	0,3	0,3	0,3	-
Mineral wool [7]	m²	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.

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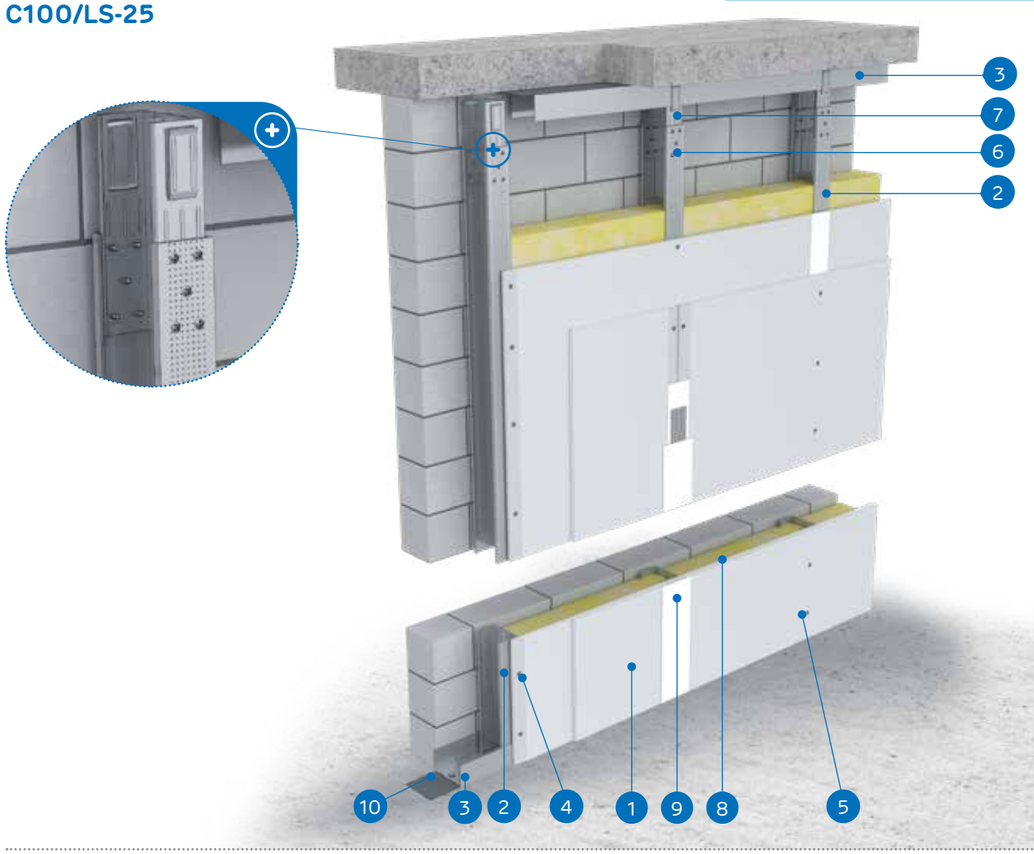
nida Tynk

Fire resistance class:	Maximum acoustic insulation:	Maximum encasement height:	Weight of 1m² of encasement:	Number of related document:
N/A	N/A	5010 mm	21,0-30,0 kg	ETA 15/0301

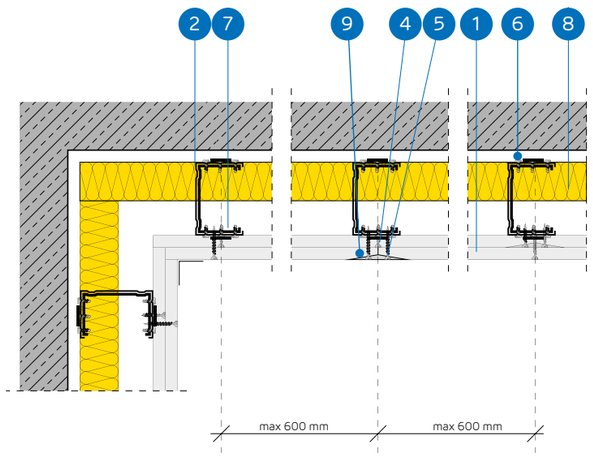
Declaration of performance:
DoP/Separate Lining System/0012/15.11.2016

SYSTEMS:
C100/LS-25



MATERIALS:

1. Nida plasterboard
2. Nida C100 profile
3. Nida U100 profile
4. Nida 3.5x25 mm sheet metal screws
5. Nida 3.5x35 mm sheet metal screws
6. FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal
7. Nida LS100 stabilising connector
8. Insulation material mineral wool
9. The joint between the plasterboards filled with the Nida gypsum compound with the Nida reinforcement tape
10. Sealing tape for Nida acoustic insulation



THE SYSTEM OF INDEPENDENT WALL CLADDING SUPPORTED ON THE NIDA C100 STRUCTURE WITH THE NIDA LS STABILISING CONNECTORS

TECHNICAL PARAMETERS

Nida Tynk system name [4]	Plasterboard sheathing					Load-bearing structure		Insulation material	Maximum height [2]	Weight of 1m² of encasement	Fire resistance class	Special system
	Nida	Thickness [mm]	Marking acc. to standard	The minimal range with sheathing in relation to the height [1]	The maximal range without sheathing in relation to the height [1]	Nida LS type stabilising fastener	Spacing of the Nida C100 profiles [mm]	Mineral wool	[mm]	[kg]	[min]	
C100/LS-25/Expert	Expert	2x12,5	A	[3/4]	[1/4]	Nida LS100	600	glass / rock	5010	21,0	-	-
C100/LS-25/Woda [3]	Woda	2x12,5	H2	[3/4]	[1/4]	Nida LS100	600	glass / rock	5010	21,0	-	-
C100/LS-25/Twarda	Twarda	2x12,5	DEFH1IR	[3/4]	[1/4]	Nida LS100	600	glass / rock	5010	30,0	-	●
C100/LS-25/Hydro	Hydro	2x12,5	GMFH1I	[3/4]	[1/4]	Nida LS100	600	glass / rock	5010	26,0	-	●

[1] The research works concerning the partition systems with utilisation of the Nida LS stabilising fastener: ITB 1060/12/R42NK.
[2] Technical opinion ITB 1060/12/R33NK. (For any higher requirements related to the maximum height, the spacing of the load-bearing structure elements should be lowered and/or the load-bearing structure should be doubled).
[3] It is advised to apply the Nida Hydro plaster-fibre boards in the areas with the relative air humidity up to 85% and in the corner sections where intensive influence of water is expected (the horizontal and vertical surfaces in the vicinity of baths, showers, etc.)
[4] European Technical Assessment ETA 15/0301.

CONSUMPTION OF MATERIALS PER 1M² FOR THE INDEPENDENT WALL CLADDING CONSTRUCTED ACCORDING TO THE NIDA TYNK SYSTEM

Material name	UM	System type Nida Tynk			
		C100/LS-25/Expert	C100/LS-25/Woda	C100/LS-25/Twarda	C100/LS-25/Hydro
		Consumption of material per 1m²			
Nida Expert 12,5 mm plasterboard	m²	1,5	-	-	-
Nida Woda 12,5 mm plasterboard	m²	-	1,5	-	-
Nida Twarda 12,5 mm plasterboard	m²	-	-	1,5	-
Nida Hydro 12,5 mm plasterboard	m²	-	-	-	1,5
Nida C100 profile	lm	1,8	1,8	1,8	1,8
Nida U100 profile	lm	0,7	0,7	0,7	0,7
Nida LS100 stabilising connector	pcs.	0,4	0,4	0,4	0,4
Anchoring element [5]	pcs.	0,9	0,9	0,9	0,9
FLAT HEAD 4.2x13 mm self-drilling screws for 1 mm sheet metal	pcs.	4,0	4,0	4,0	4,0
Nida 3.5x25 mm sheet metal screws	pcs.	3,0	3,0	-	-
Nida 3.5x35 mm sheet metal screws	pcs.	9,0	9,0	-	-
FixDens 4.2x25 mm screws	pcs.	-	-	3,0	-
FixDens 4.2x42 mm screws	pcs.	-	-	9,0	-
Nida Hydro C5 3.5x25 mm sheet metal screws	pcs.	-	-	-	3,0
Nida Hydro C5 3.5x41 mm sheet metal screws	pcs.	-	-	-	9,0
Nida reinforcement tape	lm	1,05	1,05	1,05	1,05
Acoustic insulation tape	lm	0,6	0,6	0,6	0,6
Nida Start gypsum putty	kg	0,45	0,45	-	-
Nida Finish gypsum putty	kg	0,07	0,07	-	-
Nida Hydromix ready-to-use joint filler [6]	kg	-	-	0,52	0,52
Mineral wool [7]	m²	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)	0,75 (1,0)

[5] The type of the anchoring element should be selected individually adequately for the substrate type and the total mass of the encasement.
[6] For the Nida Twarda plaster-particle boards with fibres the Nida Max gypsum putty should be utilised.
[7] Application acc. to the requirements.
The standards concerning the amount of utilised material do not cover the loss of the material.