

TECHNICAL DATA SHEET

NWP0STS FACADE PANEL

MAIN FEATURES

- Light
- High heat isolation
- Long Lasting
- Fire resistance
- Wind load resistance

CERTIFICATES

A2-S1-D0
CE

FIRE CLASS: A



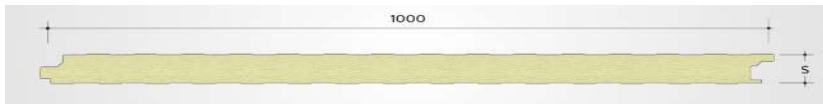
Description of Product

Nuhpanel ROCKWOOL insulation wall panels have high load-carrying performance due to high compressive strength. It allows you to choose the most economical form suitable for your building. Nuhpanel ROCKWOOL insulated wall panels provide high thermal insulation due to its closed cell structure. It does not absorb water and moisture and does not absorb water due to its resistance against vapor. It provides high protection against external factors. Rockwool filling is also flame resistant and provides fire resistance. Nuhpanel's rockwool-filled Facade panels are in "A" non-flammability class and show high performance as coating material in buildings with fire risk. Rockwool Facade Panel Facade panel can be installed quickly and easily.



Rib Type	Form	Actual Width	Minumum Lenght	Maximum Lenght
Micro Ribs	01/1000	1000 mm	2.500 mm	15.500 mm

Technical Drawing



Joint Detail

Hidden screw joint details used in Nuhpanel facade panels are resistant to water leaks and separation. Thanks to its hidden screw structure, it provides integrity in structures and protects itself against external influences and ensures long life



OPTIONS

COATING THICKNESS

- 0,45 mm x 0,35 mm
- 0,50 mm x 0,40 mm
- 0,60 mm x 0,50 mm
- 0,60 mm x 0,60 mm
- 0,70 mm x 0,60 mm
- 0,80 mm x 0,70 mm

FILLING THICKNESSES

- 40 mm
- 50 mm
- 60 mm
- 70 mm
- 80 mm
- 100 mm
- 120 mm
- 150 mm

PAINT TYPES

- POLYESTHER
- PVDF

FOR INFORMATION

www.nuhpanel.com.tr

444 4 684

COMPANY CERTIFICATES

- ISO 9001
- ISO14001
- ISO 45001
- YMB

Technical Details

Paint Type				
Standard	EN 10143	EN 10327	EN 10327	
	Product Type	Thickness (mm)	Type	Galvanized (gr/m ²)
Upper	Galvanized Sheet	0.45 - 0.80	DX 51	100 - 110
Bottom	Galvanized Sheet	0.35 - 0.70	DX 51	100 - 110

Insulation Type				
Standard	TS EN 14509	0	0	
ROCKWOOL	Density	Thickness (mm)	Thermal Conductivity	Reaction to Fire (system)
	100 kg/m ³	40 - 150 mm	0.036 W/m K	A

Surface Coating				
Standard	Back Surface	Front Surface primer	Front Surface Top	Front Surface Total
POLYESTHER	5 micron	5 micron	15 micron	20 micron
POLYESTHER	Back Surface	Front Surface primer	Front Surface Top	Front Surface Total
	5 micron	5 micron	15 micron	20 micron

TEKNİK ÖZELLİKLER			NWPO SS - NWPO STS - NWPO STS-FR																	
YALITIM KALINLIĞI			40 - 50 - 60 - 70 - 80 - 100 - 120 - 150 mm																	
AZAMI ISI İLETKENLİK			POLİÜRETAN 0,019 W / m K - TAŞYÜNÜ 0,036 W / m K																	
YANMAZLIK SINIFI			TS EN 13501-1 NORMLARINA GÖRE POLİÜRETAN B s2 d0 - TAŞYÜNÜ A2 s1 d0																	
YOĞUNLUK			POLİÜRETAN 40 kg/m³ (±2) - TAŞYÜNÜ 100 kg/m³ (±10) - DOLGU KULAK 130 kg/m³ (±10)																	
NWPO SS			YÜK TAŞIMA TABLOSU							NWPO STS - NWPO STS-FR			LİMİT DEĞERİ (L/200)							
YALITIM KALINLIĞI	ÜST SAC	ALT SAC	100	150	200	250	300	350	400	YALITIM KALINLIĞI	ÜST SAC	ALT SAC	100	150	200	250	300	350	400	
			YAYILI YÜK (P = KG/M²)										YAYILI YÜK (P = KG/M²)							
40	0,50	0,40	249	189	145	116	92	78	59	40	0,50	0,40	194	152	123	105	86	65	52	
		0,50	282	205	158	127	104	87	65			0,50	243	190	158	127	105	78	61	
50	0,50	0,40	326	248	191	149	119	104	75	50	0,50	0,40	292	228	182	148	119	89	69	
		0,50	341	272	211	164	133	115	82			0,50	347	273	220	174	141	104	78	
60	0,50	0,40	405	306	237	184	145	130	91	60	0,60	0,50	407	306	239	192	152	114	86	
		0,50	432	338	259	203	162	143	100			0,60	452	354	282	223	177	132	96	
70	0,50	0,40	483	366	283	219	172	156	107	70	0,60	0,50	498	382	297	236	185	139	102	
		0,50	522	404	312	241	191	170	117			0,60	558	438	344	271	212	159	114	
80	0,50	0,40	562	425	329	253	199	182	123	80	0,60	0,50	592	459	354	281	218	164	119	
		0,50	612	469	358	278	219	198	134			0,60	661	520	406	318	248	186	132	
100	0,50	0,40	719	542	422	322	253	233	156	100	0,60	0,50	796	614	472	367	284	215	153	
		0,50	789	598	461	353	278	254	170			0,60	872	687	529	414	319	241	168	
120	0,50	0,40	878	665	513	392	307	285	188	120	0,60	0,50	990	769	589	456	350	264	186	
		0,50	974	732	562	430	335	310	205			0,60	1083	857	656	509	390	295	203	

* Our products are tested in accordance with the standards in Istanbul Technical University.

