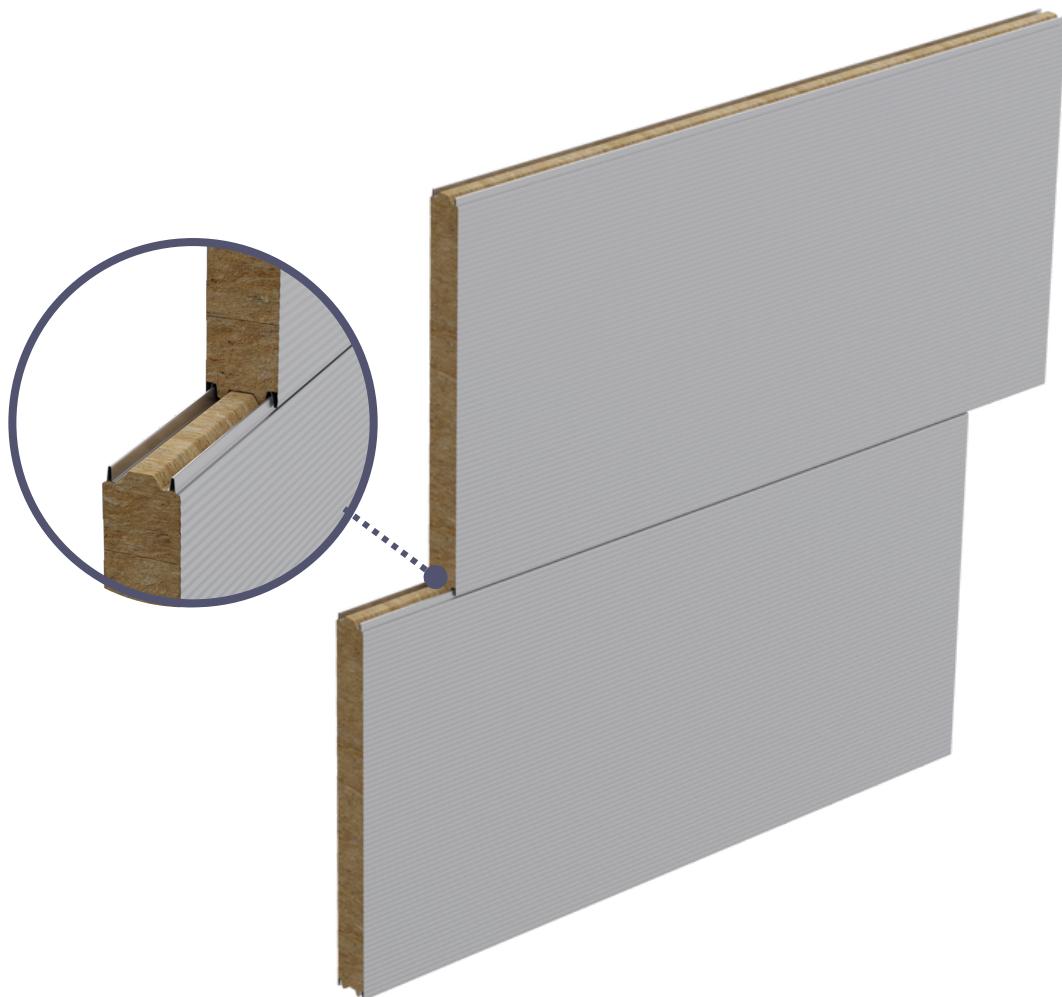


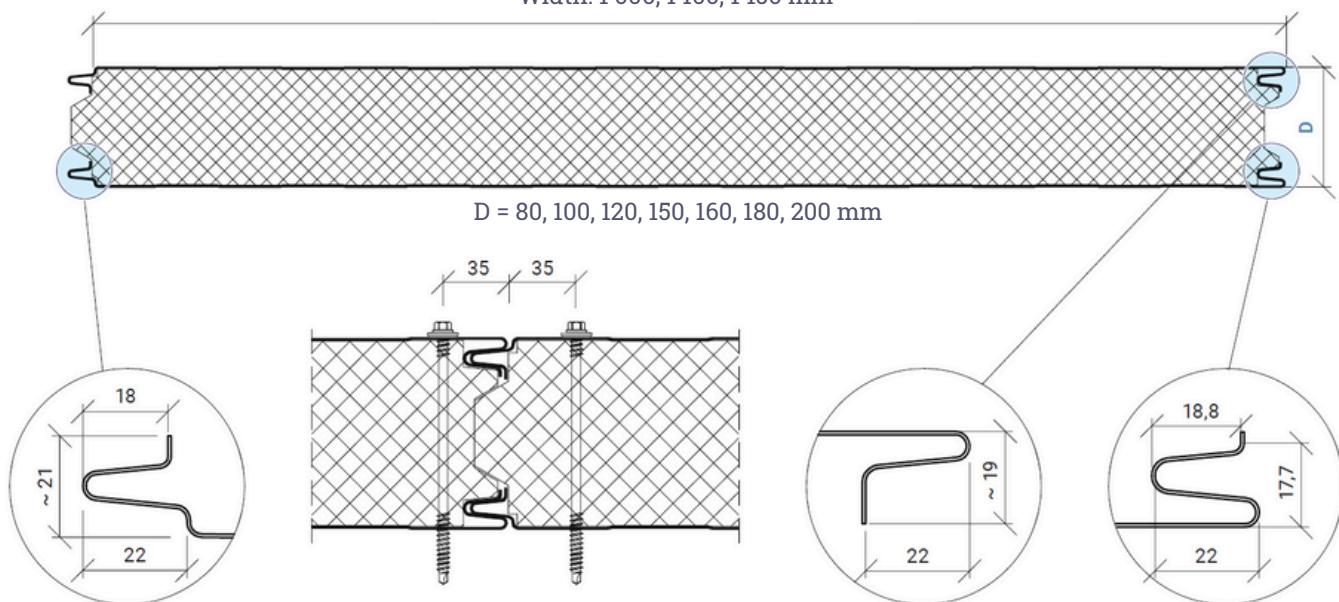
PRODUCT DATA SHEET

Wall sandwich panel
ARPANEL S MiWo Lt
- standard fastening system



CROSS SECTION

Width: 1 000, 1 100, 1 150 mm





PARAMETERS

Core thickness	80	100	120	150	160	180	200
External facing thickness [mm]				0,5 -0,7			
Internal facing thickness [mm]				0,5 -0,7			
Core density				85 + 10% kg/m3			
Weight [kg/ m ²]	16,1	17,8	19,5	22	22,9	24,6	26,3
Proper acoustic insulation [Rw(C,Ctr) dB]				NPD			
Sound absorption [aw]				NPD			
Heat transfer coefficient Ud,S = W/(m ² x K)	0,46	0,37	0,31	0,25	0,23	0,21	0,19
Reaction to fire				A2-s1,d0			
Fire spread according to PN-B-02867				NRO			

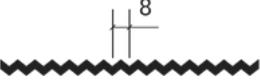
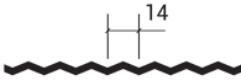
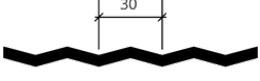
Installation details are available in the fire classifications of ARPANEL sandwich panels.



PARAMETERS

Core thickness	80	100	120	150	160	180	200
INTERNAL WALL							
Fire resistance according to EN 13501-2 vertical	NPD						
Fire resistance according to EN 13501-2 horizontal		NPD		E 45/ EI 45/ EW 45 ≤ 4m E 45/ EI 30/ EW 45 ≤ 6m E 30/ EI 30/ EW 30 ≤ 7,5m			E 180/ EI 120/ EW 180 ≤ 4m E 120/ EI 90/ EW 120 ≤ 7,5m
EXTERNAL WALL							
Fire resistance according to EN 13501-2 vertical	NPD						
Fire resistance according to EN 13501-2 horizontal		NPD		E 45 (o↔i)/ EI 45 (o↔i)/ EW 45 (o↔i) ≤ 4 m E 45 (o↔i)/ EI 30 (o↔i)/ EW 45 (o↔i) ≤ 6 m E 30 (o↔i)/ EI 30 (o↔i) / EW 30 (o↔i) ≤ 7,5 m			E 180 (o↔i)/ EI 120 (o↔i)/ EW 180 (o↔i) ≤ 4 m E 120 (o↔i)/ EI 90 (o↔i)/ EW 120 (o↔i) ≤ 7,5 m

PROFILES

Name	external	internal	cross-section
Micro 8	✓	✗	
Micro 14	✓	✗	
Linear	✓	✓	
Smooth	✓	✓	
Micro 20	✗	✓	
Micro 30	✓	✗	

TYPES OF STANDARD COATINGS

Polyester – PE

*Other types of coatings, e.g. PVDF, PUR PA, HDX, PRISMA, FOODSAFE, HPS, INOX, SDP, are available upon request.

ENVIRONMENT IN CASE OF A STANDARD COATING, POLYESTER – PE

A possibility to apply inside, in environments A1, A2, A3 and outside buildings C1, C2, C3.

*For environments characterized by higher aggressiveness, a coating that meets the requirements of a given corrosivity category should be selected.

STANDARD COLORS



Ask our representative about the availability of other standard colors of ARPANEL sandwich panels.

AVAILABLE LENGTHS OF PANELS

Standard lengths of panels are from 2,0 m to 14,5 m.

PERMISSIBLE DEVIATIONS FROM DIMENSIONS

According to EN 14509:

Panels with length of ≤ 3 m ± 5 mm

Panels with length of > 3 m ± 10 mm

For the covering width of the sandwich panel, ± 2 mm

At the panel thickness:

For $D \leq 100$ mm ± 2 mm

For $D > 100$ mm ± 2 %

Rectangularity of cut at the length $\leq 0,6$ % of the panel width

Panel:

2 mm per each meter of length, but not more than 20 mm

8,5 mm per each meter of width, but not more than 10 mm

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