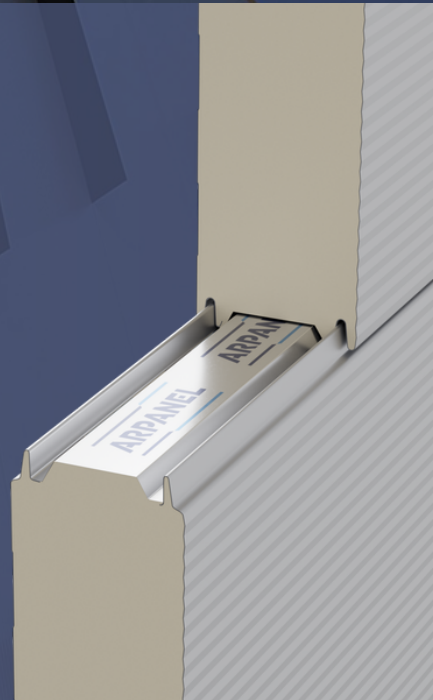


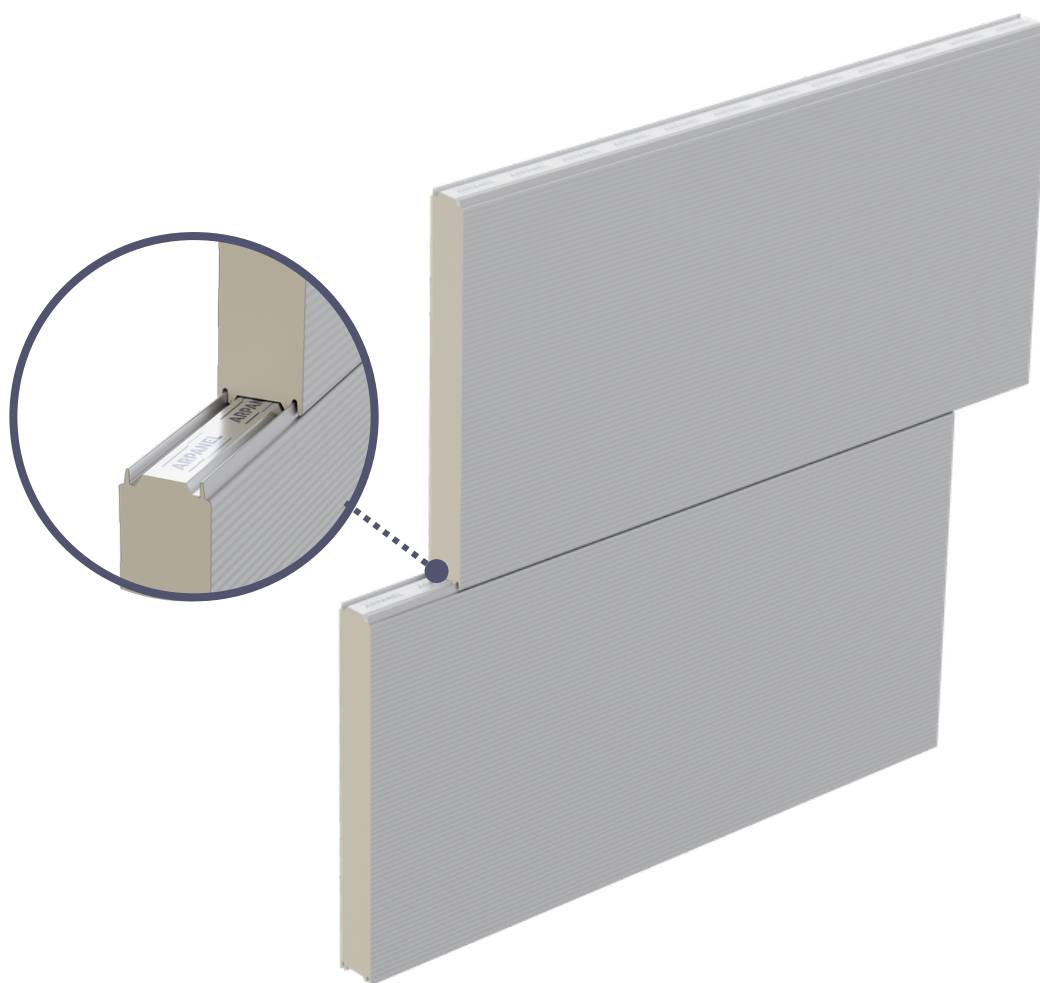


ARPANEL

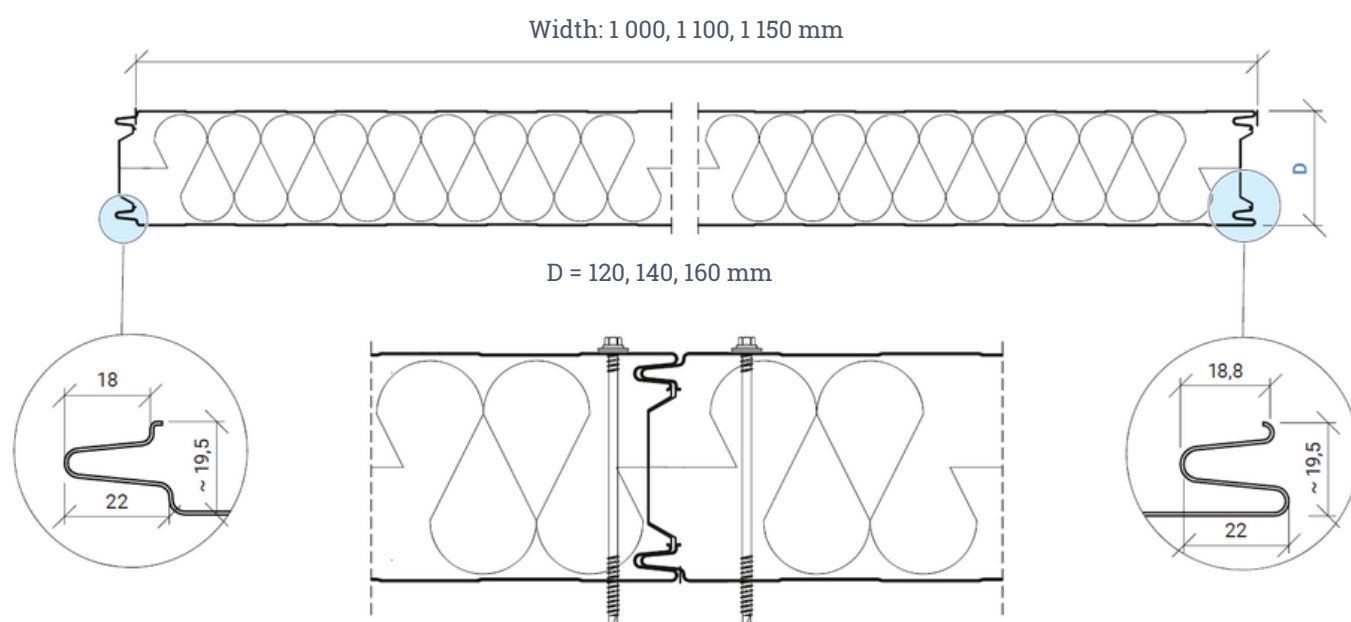
PRODUCT DATA SHEET ARPANEL DUAL SKIN

Cold store sandwich panel
ARPANEL XCH PIR





CROSS SECTION



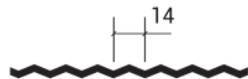
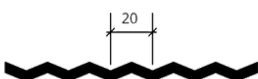


PARAMETERS

Core thickness	120	140	160
External facing thickness [mm]	0,6 – 0,7		
Internal facing thickness [mm]	0,4 – 0,7		
Core density	42 ± 2 kg/m ³		
Weight [kg/ m ²]	14,2	15,1	15,9
Proper acoustic insulation [Rw(C,Ctr) dB]	24 (-2;-4)		
Sound absorption [αw]	0,15		
Heat transfer coefficient Ud,S = W/(m ² x K)	0,18	0,16	0,14
Reaction to fire	B-s2,d0		
Fire spread according to PN-B- 02867	NRO		
Fire resistance according to EN 13501-2 vertical	E 60 (o↔i)/ EI 30 (o↔i)/ EW 60 (o↔i) ≤ 3 m E 30 (o↔i)/ EI 30 (o↔i)/ EW 30 (o↔i) ≤ 4m E 45 (o↔i)/ EI 20 (o↔i)/ EW 45 (o↔i) ≤ 6 m E 30 (o↔i)/ EI 20 (o↔i)/ EW 30 (o↔i) ≤ 7,5 m		
Fire resistance according to EN 13501-2 horizontal	E 45 (o↔i)/ EI 45 (o↔i)/ EW 45 (o↔i) ≤ 3 m E 30 (o↔i)/ EI 30 (o↔i)/ EW 30 (o↔i) ≤ 4 m E 30 (o↔i)/ EI 30 (o↔i)/ EW 30 (o↔i) ≤ 7,5 m		

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

PROFILES

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

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.



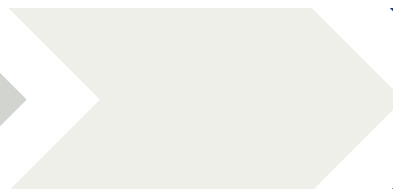
STANDARD COLORS



RAL 9006



RAL 9002



RAL 9010



RAL 5010



RAL 7016



RAL 7035



RAL 9007

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 18,5 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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