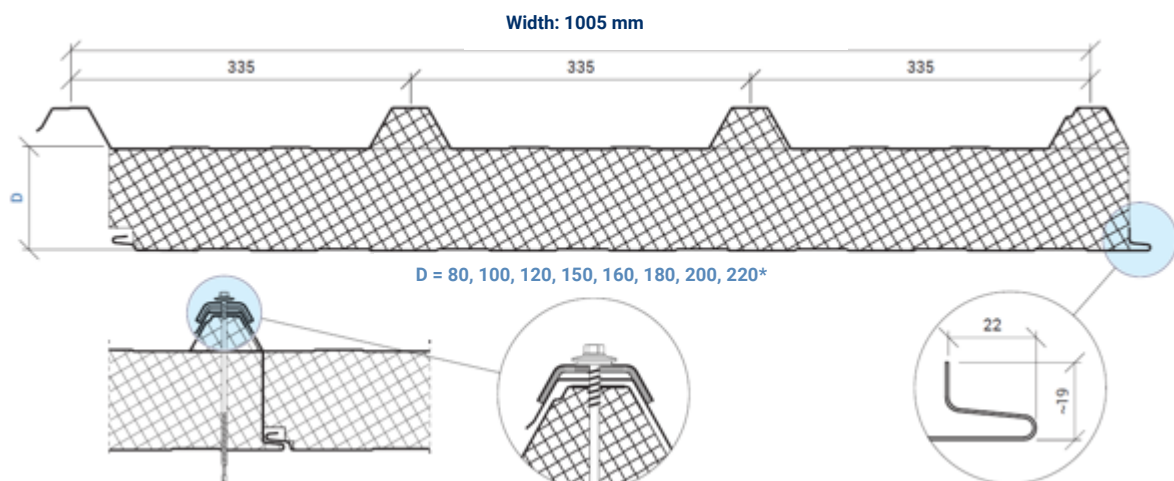
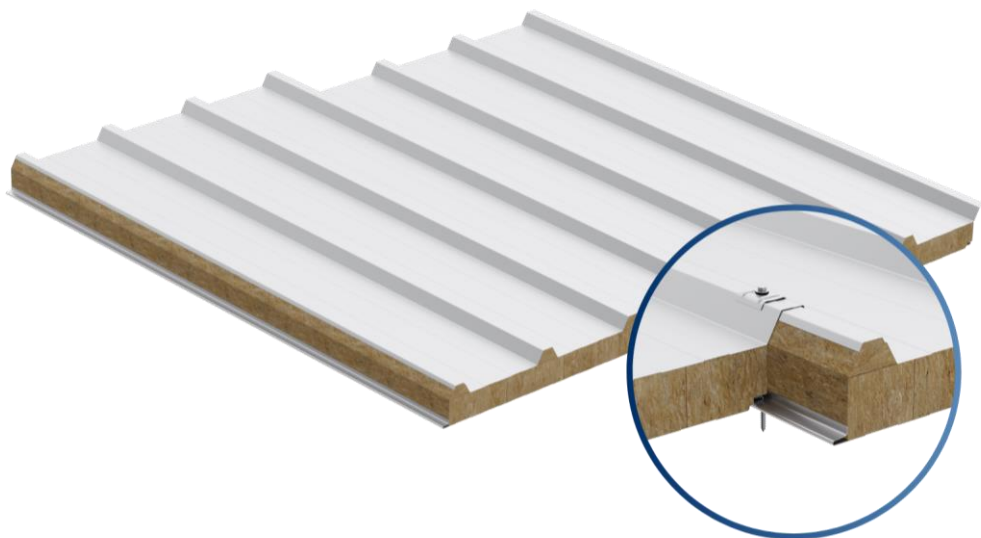


PRODUCT DATA SHEET

ARPANEL D MiWo

Roof sandwich panel



*The 220 mm thickness is produced on special order after consultation with the manufacturer.



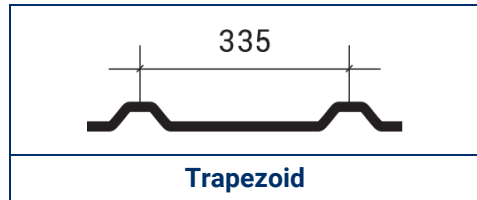
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PARAMETERS ARPANEL D MiWo

Core thickness	80/120	100/140	120/160	150/190	160/200	180/220	200/240	220/260*
External facing thickness [mm]	0,6 – 0,7							
Internal facing thickness [mm]	0,5 – 0,7							
Core density	105 ± 10% kg/m³							
Weight [kg/ m²]	18,7	20,9	23,1	26,3	27,4	29,6	31,8	33,9
Proper acoustic insulation [Rw(C,Ctr) dB]	30 (-1;-3)					31(-1;-3)		
Sound absorption [α _w]	0,20							
Heat transfer coefficient U _{d,s} = W/(m2 x K)	0,48	0,39	0,32	0,26	0,24	0,22	0,20	0,18
Fire resistance	A2-s1,d0							
Fire resistance according to EN 13501-5	Broof (t1)			Broof (t1), (t3)	Broof (t1)		Broof (t1), (t3)	Broof (t1)
Fire resistance according to EN 13501-2	not classified	RE 120/REI 90						

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

Profiles



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 standard coating, Polyester - PE

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

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

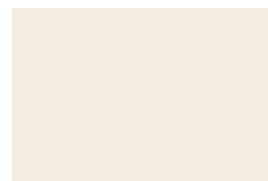
Standard colors



RAL 9006



RAL 9002



RAL 9010



RAL 5010



RAL 7016



RAL 7035



RAL 9007



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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 $\leq 3 \text{ m} \pm 5 \text{ mm}$

Panels with length of $> 3 \text{ m} \pm 10 \text{ mm}$

For the covering width of the sandwich panel, $\pm 2 \text{ mm}$

At the panel thickness:

For $D \leq 100 \text{ mm} \pm 2 \text{ mm}$

For $D > 100 \text{ mm} \pm 2 \%$

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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