

PRODUCT DATA SHEET

Roof sandwich panel

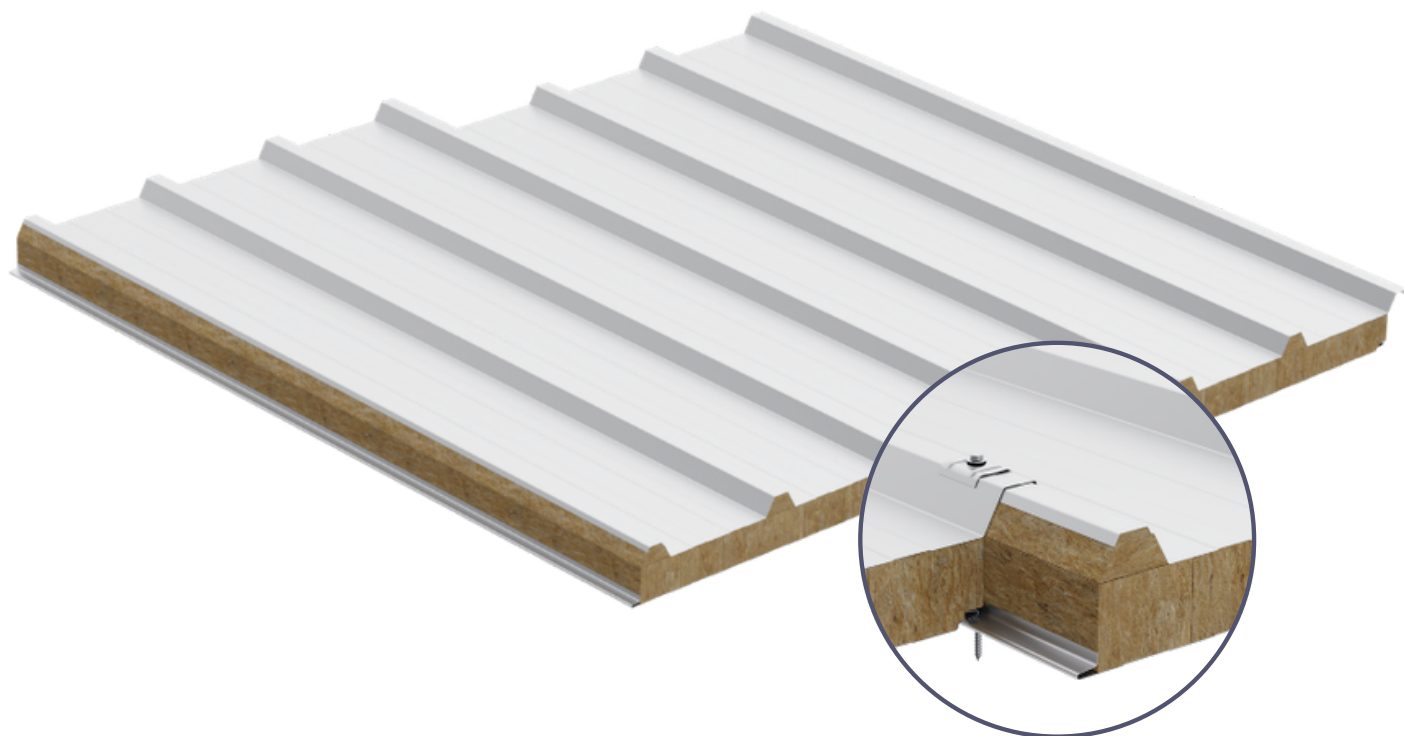
ARPANEL D MiWo



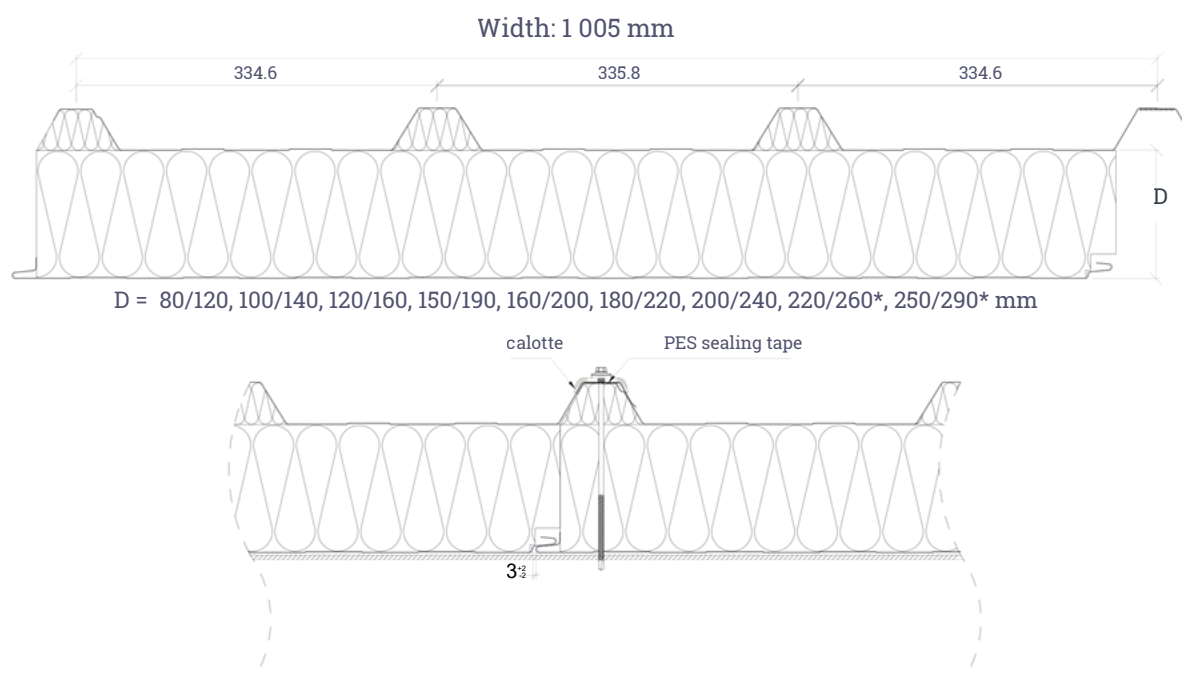


PRODUCT DATA SHEET
ARPANEL D MiWo

ARPANEL



CROSS SECTION



*The 220 mm and 250 mm thickness are produced on special order after consultation with the manufacturer.



PARAMETERS

Core thickness [mm]	80/120	100/140	120/160	150/190	160/200
External facing thickness [mm]	0,6– 0,7				
Internal facing thickness [mm]	0,5– 0,7				
Core density	105 ± 10% kg/m ³				
Weight [kg/ m ²]	18,7	20,9	23,1	26,3	27,4
Proper acoustic insulation [Rw(C,Ctr) dB]	30 (-1,-3)				
Sound absorption [αw]	0,2				
Heat transfer coefficient Ud,S = W/(m ² x K)	0,48	0,39	0,32	0,26	0,24
Reaction to fire	A2-s1,d0				
Fire spread through roofs according to EN 13501-5	Broof (t1)			Broof (t1), (t3)	Broof (t1)
Fire resistance according to EN 13501-2	NPD	RE 120 / REI 90			

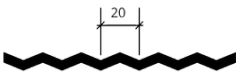


PARAMETERS

Core thickness [mm]	180/220	200/240	220/260	250/290
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]	29,6	31,8	33,9	37,2
Proper acoustic insulation [Rw(C,Ctr) dB]	31 (-1,-3)	NPD		
Sound absorption [aw]	0,2			
Heat transfer coefficient Ud,S = W/(m2 x K)	0,22	0,20	0,18	0,15
Reaction to fire	A2-s1,d0			
Fire spread through roofs according to EN 13501-5	Broof (t1)	Broof (t1), (t3)	Broof (t1)	
Fire resistance according to EN 13501-2	RE 120 / REI 90			

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

PROFILES

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

TYPES OF STANDARD COATINGS

Polyester – PE

*Other types of coatings, e.g. PVDF, PUR PA, HDX, PRISMA, FOODSAFE, HPS, 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



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

The presented contents and drawings are demonstrative material only. Adamietz S.A., the producer of sandwich panels ARPANEL, is not responsible for any differences between the content of the product card and the real products parameters. The producer reserves the right to implement changes and modifications to the content without prior notice. Pursuant to the Civil Code, the content of the product card does not constitute a commercial offer.

Adamietz S.A., the producer of sandwich panels ARPANEL, is the copyright holder of the materials included in this product card. The content of the materials is protected by the copyright. The sale, publication, licensing or any distribution of the part or the whole of these works is prohibited without the written consent of Adamietz S.A.

The design of these materials and the information concerning the offered products are the property of the Adamietz company. Copying and the reproduction of the materials by third parties in conducting business activity without information on their origin will constitute an act of unfair competition.