ARPANEL

CE

DECLARATION OF PERFORMANCE OF THE „ARPANEL" SANDWICH PANELS

NO. DWU/S MXL/01/2026/EN

1	Name and address of manufacturer	Adamietz Sp. S.A. 47 – 100 Strzelce Opolskie ul. Braci Prankel 1 Poland
2	Unique identification code of the product-type	Sandwich panels ARPANEL S 100 MXL, ARPANEL S 120 MXL, ARPANEL S 150 MXL, ARPANEL S 160 MXL, ARPANEL S 180 MXL, ARPANEL S 200 MXL with a core of mineral wool.
3	Intended use, in accordance with the applicable harmonized technical specification	Metal faced insulating panel for use in buildings as external walls and partitions.
4	System of assessment and verification of constancy of performance:	3
5	Harmonized standard	PN-EN 14509:2013 - 12
6	Notified body	– INSTYTUT TECHNIKI BUDOWLANEJ Warsaw - No. 1488 – IMA Materialforschung und Anwendungstechnik GmbH Dresden – No. 2456 – Fires s.r.o. Batizovce – No. 1396
7	Declared performances	Annex no. 1

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

PROKURENT
Marcin Sobisiak

ADAMIETZ S.A.
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Strzelce Opolskie 19.02.2026

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Annex 1 to the Declaration of performance NO. DWU/S MXL/01/2026

Panel thickness [mm]			100	120	150	160	180	200
Dimensional tolerances			± 2 mm	± 2 %				
Mass [kg/m^2]			20,3	22,6	26,1	27,2	29,5	31,8
Density of core material (MIWO) [kg/m^3]			113±10%					
External/Internal Facing - Steel grade			S280GD+Z; S250GD+Z; S220GD+Z					
Coating type			SP25, Food Safe (PVC), PRISMA, HDX, PVDF, PUR/PA					
Thickness of facing material [mm]			External: 0,5 - 0,7			Internal: 0,5 – 0,7		
Facing profile			External: G, L , M8, M14; M30			Internal: G, L, M20		
Cross panel tensile strength f_{ct} [kPa]			90	90	90	90	90	90
Compressive strength (core) f_{cc} [kPa]			90	90	80	80	80	80
Shear strength (core) f_{cv} [kPa]			50	50	50	50	50	50
Shear modulus (core) G_c [kPa]			4,4	4,4	4,4	4,4	4,4	4,4
Wrinkling stress [MPa]	in span	external face	139	139	139	139	139	139
		external face >80°C	125	125	125	125	125	125
		internal face	139	139	139	139	139	139
	At central support	external face	76	76	76	76	76	76
		external face >80°C	69	69	69	69	69	69
		internal face	111	111	111	111	111	111
Thermal conductivity λ_D [W/m*K]			0,041					
Thermal transmittance $U_{d,S}$ [W/m^2*K]			0,40	0,33	0,27	0,25	0,22	0,20
Reaction to fire			A2-s1,d0					
Fire resistance	Vertical	Span 4 m	EI60	EI120	EI240	EI240	EI240	EI240
			E120	E120	E240	E240	E240	E240
	Horizontal	Span 4 m	EI60	EI120	EI180	EI180	EI240	EI240
			E60	E120	E240	E240	E240	E240
		Span 8 m	-	-	-	-	EI 120; E 120	
Water permeability [class]			A					
Air permeability	Positive pressure		C = 0,2630; n = 0,5313					
	Negative pressure		C = 0,0227; n = 0,4764					
Airborne sound insulation Rw (C, C_{tr}) [dB]			31 (-1;-3)	31 (-2,-3)				
Sound absorption α_w			0,15					

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KRS: 0001210114