ARPANEL

CE

DECLARATION OF PERFORMANCE OF THE „ARPANEL" SANDWICH PANELS

NO. DWU/D MiWo/01/2026/EN

1	Name and address of manufacturer	Adamietz S.A. 47 – 100 Strzelce Opolskie ul. Braci Prankel 1 Poland
2	Unique identification code of the product-type	Sandwich panels **ARPANEL D 80/120 MIWO, ARPANEL D 100/140 MIWO, ARPANEL D 120/160 MIWO, ARPANEL D 150/190 MIWO, ARPANEL D 160/200 MIWO, ARPANEL D 180/220 MIWO, ARPANEL D 200/240 MIWO, ARPANEL D 220/260 MIWO, 250/290 MIWO** 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 roofs.
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

Strzelce Opolskie, 17.02.2026

Adamietz S.A.
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NIP: 756-18-36-633
REGON: 532242263
Kapitał zakładowy:
4.660.000,00 PLN

SĄD REJONOWY W OPOLU VIII
WYDZIAŁ GOSPODARCZY
KRS: 0001210114

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Annex 1 to the Declaration of performance NO. DWU/D MiWo/01/2026/EN

Panel thickness [mm]			80/120	100/140	120/160	150/190	160/200	180/220	200/240	220/260	250/290
Dimensional tolerances			± 2 %								
Mass [kg/m^2]			18,7	20,9	23,1	26,3	27,4	29,6	31,8	33,9	37,2
Density of core material (MIWO) [kg/m^3]			105±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: 0,6 - 0,7				Internal: 0,5 – 0,7				
Facing profile			External: T				Internal: G, L, M20				
Cross panel tensile strength f_{ct} [kPa]			120	120	120	120	120	120	120	120	120
Compressive strength (core) f_{cc} [kPa]			70	70	70	70	66	58	50	50	80
Shear strength (core) f_{cv} [kPa]			45	45	45	45	44	42	40	40	49
Shear modulus (core) G_c [kPa]			4,4	4,1	3,9	3,5	3,4	3,1	2,8	2,8	5,0
Creep coefficient	t= 2.000 h		0,5								
	t= 100.000 h		1,0								
Wrinkling stress [MPa]	in span	external face	234	224	215	200	195	184	173	162	151
		external face >80°C	234	224	215	200	195	184	173	162	151
		internal face	98	94	89	83	82	79	77	75	149
	At central support	external face	234	224	215	200	195	184	173	162	151
		external face >80°C	234	224	215	200	195	184	173	162	151
		internal face	88	84	81	75	74	71	69	67	119
Thermal conductivity λ_D [W/m*K]			0,040								
Thermal transmittance $U_{d,s}$ [W/m^2*K]			0,48	0,39	0,32	0,26	0,24	0,22	0,20	0,18	0,15
Reaction to fire			A2-s1,d0								
Fire resistance			NPD	RE 120; REI 90							
Fire-spread			Broof (t_1)			Broof (t_1), (t_3)	Broof (t_1)		Broof (t_1), (t_3)	Broof (t_1)	
Water permeability [class]			A								
Air permeability	Positive pressure		C = 1,2824; n = 0,1683								
	Negative pressure		C = 0,3920; n = 0,2373								
Airborne sound insulation Rw (C, C_{tr}) [dB]			30 (-1;-3)					31 (-1,-3)			
Sound absorption α_w			0,2								

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