

DECLARATION OF PERFORMANCE

No. BPA/2024/1

- 1 Unique identification code of the product-type: BPA
- 2 Intended use: Roofing, interior and exterior wall and ceiling finishes
- 3 Manufacturer: BALEX METAL Sp. z o.o., ul. Wejherowska 12C, 84-239 Bolszewo
- 4 System of Assessment and Verification of Constancy of Performance: 3
- 5 Harmonised standard: EN 14782:2006
Notified bodies: Centre Scientifique et Technique du Bâtiment (no. 0679), Efectis Nederland BV (no. 1234)
- 6 Declared performances: Table 1

Table 1. Essential characteristics

Essential characteristics	Performances	
Mechanical resistance*)	1,2 kN (Support distance $\leq$ 400 mm)	
Water permeability	Impermeable (No perforation)	
Dimensional change	Thermal expansion coefficient: $12 \times 10^{-6} \text{ K}^{-1}$ (steel) Thermal expansion coefficient: $10,0 \times 10^{-6} \text{ K}^{-1} \div 17,0 \times 10^{-6} \text{ K}^{-1}$ (corrosion-resistant steel)	
Release of dangerous substances	NPD	
External fire performance*)	$B_{\text{ROOF}}(t1)$, $B_{\text{ROOF}}(t2)$, $B_{\text{ROOF}}(t3)$, $B_{\text{ROOF}}(t4)$	
Reaction to fire	A2-s1,d0 (coating PVC120) A1 (other coatings)	
Durability	Steel grade:	S220GD, S250GD, S280GD, 1.4301
	Thickness [mm]:	0,40; 0,50; 0,60; 0,70; 0,75; 0,88; 1,00; 1,25; 1,50
	Organic coatings (thickness):	PVC120 (120 μm) PE15 (15 μm) PE25 (25 μm) PE35M (35 μm) PUR55 (55 μm)
	Metallic coatings (weight):	Z225 (225 g/m^2) Z275 (275 g/m^2) AZ150 (150 g/m^2) AZ185 (185 g/m^2)

Designations:

*) - only for roofing applications

NPD – No Performance Determined

7 Relevant technical documentation or special technical documentation:

Reference number of the relevant technical documentation used: BPA/2024/1

Requirements which the product complies with: paragraphs 5.1 and 5.2 of EN 14782:2006.

The performance of the product identified above is in conformity with the set of declared performances. 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:
Chief Executive Officer



Bolszewo, 06.08.2024

Marek Dzikiewicz

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