

DECLARATION OF PERFORMANCE

No N.AL-MAX/3'

Unique identification code of the product type:

N.AL-MAX/3' - termPIR MAX19 AL

Manufacturer: Gór-Stal sp. z o.o.; ul. Przemysłowa 11; 38-300 Gorlice, Poland / Place of manufacture: Gór-Stal; ul. Adolfa Mitery 9; 32-700 Bochnia, Poland

Harmonised standard: EN 13165:2012+A2:2016

The system/s of AVCP: System 3

Notified body/ies: Notified laboratory no 1488 (ITB, Warszawa, PL)

Intended use/uses: thermal insulation products for buildings

Declared performances:

Essential characteristics	Performance	Values / classes		
Thermal resistance	Thickness tolerance, class	$(80 \leq d_N \leq 120 \text{ mm}):$ $\pm 3 \text{ mm}, T2$		$(120 < d_N \leq 220 \text{ mm}):$ $+5/-3 \text{ mm}, T2$
	Thermal conductivity, λ_D	$(80 \leq d_N \leq 220 \text{ mm}):$ 0,019 [W/m·K]		
	Thermal resistance, R_D [m ² ·K/W]	80 mm: 4,35	90 mm: 4,90	100 mm: 5,45
		110 mm: 5,95	120 mm: 6,50	130 mm: 7,05
		140 mm: 7,60	150 mm: 8,15	160 mm: 8,70
		170 mm: 9,25	180 mm: 9,80	190 mm: 10,3
		200 mm: 10,9	210 mm: 11,4	220 mm: 11,9
Reaction to fire (of the product as placed on the market)		Class E (EN 13501-1)		
Durability of reaction to fire against heat, weathering, ageing / degradation	Durability of reaction to fire of the product as placed on the market	NPD; The fire performance of PIR does not deteriorate with time (acc. EN 13165+A2)		
Durability of thermal resistance against heat, weathering, ageing / degradation	Thermal conductivity, λ_D aged values	$(80 \leq d_N \leq 220 \text{ mm}):$ 0,019 [W/m·K]		
	Thermal resistance, R_D [m ² ·K/W]	80 mm: 4,35	90 mm: 4,90	100 mm: 5,45
		110 mm: 5,95	120 mm: 6,50	130 mm: 7,05
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		200 mm: 10,9	210 mm: 11,4	220 mm: 11,9
	Durability characteristics	NPD		
	Dimensional stability	DS(70,90)2		
Deformation under specified compressive load and temper. condition	NPD			
Compressive strength	Compressive stress, σ_{10}	$\geq 100 \text{ kPa}$, CS(10/Y) 100		
Tensile strength	Tensile strength perpendicular to faces	NPD		
Durability of compressive strength against ageing / degradation	Compressive creep	NPD		
Water permeability	Long term water absorption	NPD		
	Short term water absorption	NPD		
	Flatness after one-sided wetting	NPD		
Water vapour permeability	Water vapour transmission, μ	NPD		
Acoustic absorption index	Sound absorption	NPD		
Release of dangerous substances to the indoor environment		NPD; European test methods are under development for this characteristic.		
Continuous glowing combustion		NPD; European test methods are under development for this characteristic.		
NPD: No Performance Determined				

Harmonised standard: EN 13165:2012+A2:2016

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.

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DYREKTOR ZAKŁADU

Krzysztof Łukaszuk

signature and seal of the authorized person

Bochnia, 23.03.2026
place and date of issue