

DECLARATION OF PERFORMANCE

No N.AL-MAX/3

Unique identification code of the product type: [No DoP] - **termPIR MAX19 AL** [d_N [80-220]] | type of edges **[FIT, LAP, TAG]** - [modular length / width]
Manufacturer: Gór-Stal sp. z o.o.; ul. Przemysłowa 11; 38-300 Gorlice, Poland / Place of manufacture: Gór-Stal; ul. Adolfa Mitera 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 [$\text{m}^2 \cdot \text{K}/\text{W}$]	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: 10,4	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; <i>The fire performance of PIR does not deteriorate with time (acc. EN 13165+A2)</i>			
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 [$\text{m}^2 \cdot \text{K}/\text{W}$]	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: 10,4	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}	$\geq 100 \text{ kPa}, \text{CS}(10/\text{Y})\mathbf{100}$			
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; <i>European test methods are under development for this characteristic.</i>				
Continuous glowing combustion	NPD; <i>European test methods are under development for this characteristic.</i>				

Harmonised standard: EN 13165:2012+A2:2016

NPD: No Performance Determined

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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GŁÓWNY TECHNOLOG
Barbora Bochnia

Bochnia, 01.01.2025
 place and date of issue

signature and seal of the authorized person