

DECLARATION OF PERFORMANCE

No N.WS/18

Unique identification code of the product type: [No DoP] - **termPIR WS** | d_N [20-250] | 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 Mityery 9; 32-700 Bochnia, Poland

Harmonised standard: EN 13165:2012+A2:2016

The system/s of AVCP: System 3, System 3 and 4

Notified body/ies: Notified laboratory no **1488** (ITB, Warszawa, PL); **1454** (IMBiGS, Katowice, PL)

Intended use/uses: thermal insulation products for buildings; (*internal use acc. to EPBD, Belgium*)

Declared performances:

Essential characteristics	Performance	Values / classes						
Thermal resistance	Thickness tolerance, class	$(20 \leq d_N < 50 \text{ mm})$: $\pm 2 \text{ mm}$, T2		$(50 \leq d_N \leq 75 \text{ mm})$: $\pm 3 \text{ mm}$, T2		$(75 < d_N \leq 250 \text{ mm})$: $+5/-3 \text{ mm}$, T2		
	Thermal conductivity, λ_D	$(20 \leq d_N < 80 \text{ mm})$: 0,027 [W/m·K]		$(80 \leq d_N < 120 \text{ mm})$: 0,026 [W/m·K]		$(120 \leq d_N \leq 250 \text{ mm})$: 0,025 [W/m·K]		
	Thermal resistance, R_D [m ² ·K/W]	20 mm: 0,70 30 mm: 1,10 40 mm: 1,45 50 mm: 1,85 60 mm: 2,20 70 mm: 2,55	80 mm: 3,05 90 mm: 3,45 100 mm: 3,80 110 mm: 4,20 120 mm: 4,80 130 mm: 5,20	140 mm: 5,60 150 mm: 6,00 160 mm: 6,40 170 mm: 6,80 180 mm: 7,20 190 mm: 7,60	200 mm: 8,00 210 mm: 8,40 220 mm: 8,80 230 mm: 9,20 240 mm: 9,60 250 mm: 10,0			
Reaction to fire (<i>of the product as placed on the market</i>)								
Class F (20-49 mm) Class E (50-250 mm)								
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	$(20 \leq d_N < 80 \text{ mm})$: 0,027 [W/m·K]		$(80 \leq d_N < 120 \text{ mm})$: 0,026 [W/m·K]		$(120 \leq d_N \leq 250 \text{ mm})$: 0,025 [W/m·K]		
	Thermal resistance, R_D [m ² ·K/W] aged values (<i>for thickness d_N</i>)	20 mm: 0,70 30 mm: 1,10 40 mm: 1,45 50 mm: 1,85 60 mm: 2,20 70 mm: 2,55	80 mm: 3,05 90 mm: 3,45 100 mm: 3,80 110 mm: 4,20 120 mm: 4,80 130 mm: 5,20	140 mm: 5,60 150 mm: 6,00 160 mm: 6,40 170 mm: 6,80 180 mm: 7,20 190 mm: 7,60	200 mm: 8,00 210 mm: 8,40 220 mm: 8,80 230 mm: 9,20 240 mm: 9,60 250 mm: 10,0			
		Durability characteristics						
		NPD						
		Dimensional stability	$(20 \leq d_N < 50 \text{ mm})$: DS(70,-)1		$(50 \leq d_N \leq 250 \text{ mm})$: DS(-20,-)2 /DS(70,90)3			
	Deformation under specified compressive load and temper. condition	NPD						
Compressive strength	Compressive stress, σ_{10}	$\geq 120 \text{ kPa}$, CS(10/Y)120						
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	$\leq 10 \text{ mm} / \text{FW}2$						
Water vapour permeability	Water vapour transmission	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>						
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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Bochnia, 01.01.2025
 place and date of issue

signature and seal of the authorized person