

DECLARATION OF PERFORMANCE

No DoP/ALAT/16/1

Unique identification code of the product type: [no. DoP] **termPIR AL AT** | d_N [20-250] | type of edges [FIT, LAP, TAG]

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 **1487** (ICiMB, Kraków), **1488** (ITB, Warszawa, PL), **1454** (IMBiGS, Katowice, PL).

Intended use/uses: thermal insulation products for buildings.

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	for $(20 \leq d_N \leq 250 \text{ mm})$: 0,022 [W/m·K]						
	Thermal resistance, R_D [m ² ·K/W]	20 mm: 0,90 30 mm: 1,35 40 mm: 1,85 50 mm: 2,30 60 mm: 2,75 70 mm: 3,25						
		80 mm: 3,70 90 mm: 4,15 100 mm: 4,65 110 mm: 5,10 120 mm: 5,55 130 mm: 6,05						
140 mm: 6,50 150 mm: 6,95 160 mm: 7,45 170 mm: 7,90 180 mm: 8,35 190 mm: 8,85								
200 mm: 9,30 210 mm: 9,75 220 mm: 10,2 230 mm: 10,7 240 mm: 11,1 250 mm: 11,6								
Reaction to fire (of the product as placed on the market)		Class F for $(20 \leq d_N < 50 \text{ mm})$			Class E for $(50 \leq d_N \leq 250 \text{ mm})$			
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability of reaction to fire of the product as placed on the market	NPD; 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	for $(20 \leq d_N \leq 250 \text{ mm})$: 0,022 [W/m·K]						
	Thermal resistance, R_D [m ² ·K/W] aged values (for thickness d_N)	20 mm: 0,90 30 mm: 1,35 40 mm: 1,85 50 mm: 2,30 60 mm: 2,75 70 mm: 3,25						
		80 mm: 3,70 90 mm: 4,15 100 mm: 4,65 110 mm: 5,10 120 mm: 5,55 130 mm: 6,05						
		140 mm: 6,50 150 mm: 6,95 160 mm: 7,45 170 mm: 7,90 180 mm: 8,35 190 mm: 8,85						
		200 mm: 9,30 210 mm: 9,75 220 mm: 10,2 230 mm: 10,7 240 mm: 11,1 250 mm: 11,6						
	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.	$(20 \leq d_N < 50 \text{ mm})$: NPD		$(50 \leq d_N \leq 250 \text{ mm})$: DLT(2)5					
Compressive strength	Compressive stress, σ_{10}	$(20 \leq d_N < 30 \text{ mm})$: $\geq 120 \text{ kPa, CS(10/Y)120}$		$(30 \leq d_N < 140 \text{ mm})$: $\geq 150 \text{ kPa, CS(10/Y)150}$		$(140 \leq d_N \leq 250 \text{ mm})$: $\geq 140 \text{ kPa, CS(10/Y)140}$		
Tensile strength	Tensile strength perpendicular to faces	$(20 \leq d_N < 50 \text{ mm})$: $\geq 80 \text{ kPa, TR80}$		$(50 \leq d_N \leq 200 \text{ mm})$: $\geq 50 \text{ kPa, TR50}$		$(200 < d_N < 250 \text{ mm})$: $\geq 40 \text{ kPa, TR40}$		
Durability of compressive strength against ageing/degradation	Compressive creep	CC(3/2/25): NPD						
Water permeability	Long term water absorption	$\leq 2 \%$ [kg/kg] / WL(T)2						
	Short term water absorption	NPD						
	Flatness after one-sided wetting	$\leq 10 \text{ mm} / \text{FW2}$						
Water vapour permeability	Water vapour transmission	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.

"GÓR-STAL" Sp. z o.o.
 38-300 Gorlice, ul. Przemysłowa 11
 tel. 018 353 98 00
 REGON 852712117 NIP 738-19-45-154

GŁÓWNY TECHNOLOG

Bartłomiej Bochnia

Bochnia, 06.05.2024 r.

place and date of issue

signature and seal of the authorized person