

DECLARATION OF PERFORMANCE

No N.Ceil/3

Unique identification code of the product type: [No DoP] - termPIR AGRO AL Ceil | d_N [50-250] | 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 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); **1454** (IMBiGS, Katowice, PL); **1487** (ICiMB, Kraków, PL)

Intended use/uses: thermal insulation products for buildings

Declared performances:

Essential characteristics	Performance	Values / classes					
Thermal resistance	Thickness tolerance, class	$(50 \leq d_N \leq 75 \text{ mm}):$ $\pm 3 \text{ mm}, T2$			$(75 < d_N \leq 250 \text{ mm}):$ $+5/-3 \text{ mm}, T2$		
	Thermal conductivity, λ_D	$(20 \leq d_N \leq 250 \text{ mm}):$ 0,022 [W/m·K]					
	Thermal resistance, R_D [m ² ·K/W]	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 D-s2,d0					
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 agged values	$(50 \leq d_N \leq 250 \text{ mm}):$ 0,022 [W/m·K]					
	Thermal resistance, R_D [m ² ·K/W] agged values (for thickness d_N)	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	$(50 \leq d_N \leq 180 \text{ mm}):$ DS(70,90)2			$(180 < d_N \leq 250 \text{ mm}):$ NPD			
Deformation under specified compressive load and temper. condition	NPD						
Compressive strength	Compressive stress, σ_{10}	$(50 \leq d_N < 250 \text{ mm}):$ $\geq 120 \text{ kPa}, CS(10/Y)$ 120					
Tensile strength	Tensile strength perpendicular to faces	NPD					
Durability of compressive strength against ageing / degradation	Compressive creep	NPD					
Water permeability	Long term water absorption	$\leq 2 \%$ [kg/kg] / WL(T)2					
	Short term water absorption	NPD					
	Flatness after one-sided wetting	$\leq 10 \text{ mm} / \text{FW}2$					
Water vapour permeability	Water vapour transmission, μ	NPD					
Acoustic absorption index	Sound absorption	NPD					
Release of dengerous 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.					

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, 01.01.2025
place and date of issue

signature and seal of the authorized person