

DECLARATION OF PERFORMANCE

No N.GP/3

Unique identification code of the product type: [No DoP] - **termPIR GP** | 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 Mityry 9; 32-700 Bochnia, Poland

Harmonised standard: EN 13165:2012+A2:2016

The system/s of AVCP: System 3 and 4

Notified body/ies: Notified laboratory no **1488** (ITB, Warszawa, PL); **1487** (ICiMB, Kraków, 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 | 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 | | | | | | |
| 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 | 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 | | | | | |
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| | | 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 | $(20 \leq d_N \leq 180 \text{ mm})$: 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} | NPD | | | | | |
| 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 | 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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Bochnia, 01.01.2025

place and date of issue

signature and seal of the authorized person