

## DECLARATION OF PERFORMANCE

No N.AL-MAX/3'

**Unique identification code of the product type:** [No DoP] - termPIR MAX19 AL [d<sub>N</sub>[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 Mityry 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                                            | $(80 \leq d_N \leq 120 \text{ mm}):$<br>$\pm 3 \text{ mm}, T2$                     |                     | $(120 < d_N \leq 220 \text{ mm}):$<br>$+ 5/-3 \text{ mm}, T2$ |
|                                                                                 | Thermal conductivity, $\lambda_D$                                     | $(80 \leq d_N \leq 220 \text{ mm}):$ <b>0,019</b> [W/m·K]                          |                     |                                                               |
|                                                                                 | Thermal resistance, $R_D$ [m <sup>2</sup> ·K/W]                       | 80 mm: <b>4,35</b>                                                                 | 90 mm: <b>4,90</b>  | 100 mm: <b>5,45</b>                                           |
|                                                                                 |                                                                       | 110 mm: <b>5,95</b>                                                                | 120 mm: <b>6,50</b> | 130 mm: <b>7,05</b>                                           |
|                                                                                 |                                                                       | 140 mm: <b>7,60</b>                                                                | 150 mm: <b>8,15</b> | 160 mm: <b>8,70</b>                                           |
|                                                                                 |                                                                       | 170 mm: <b>9,25</b>                                                                | 180 mm: <b>9,80</b> | 190 mm: <b>10,3</b>                                           |
|                                                                                 |                                                                       | 200 mm: <b>10,9</b>                                                                | 210 mm: <b>11,4</b> | 220 mm: <b>11,9</b>                                           |
| 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; 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, $\lambda_D$ aged values                         | $(80 \leq d_N \leq 220 \text{ mm}):$ <b>0,019</b> [W/m·K]                          |                     |                                                               |
|                                                                                 | Thermal resistance, $R_D$ [m <sup>2</sup> ·K/W]                       | 80 mm: <b>4,35</b>                                                                 | 90 mm: <b>4,90</b>  | 100 mm: <b>5,45</b>                                           |
|                                                                                 |                                                                       | 110 mm: <b>5,95</b>                                                                | 120 mm: <b>6,50</b> | 130 mm: <b>7,05</b>                                           |
|                                                                                 |                                                                       | 140 mm: <b>7,60</b>                                                                | 150 mm: <b>8,15</b> | 160 mm: <b>8,70</b>                                           |
|                                                                                 |                                                                       | 170 mm: <b>9,25</b>                                                                | 180 mm: <b>9,80</b> | 190 mm: <b>10,3</b>                                           |
|                                                                                 |                                                                       | 200 mm: <b>10,9</b>                                                                | 210 mm: <b>11,4</b> | 220 mm: <b>11,9</b>                                           |
|                                                                                 | Durability characteristics                                            | NPD                                                                                |                     |                                                               |
|                                                                                 | Dimensional stability                                                 | DS(70,90)2                                                                         |                     |                                                               |
| Deformation under specified compressive load and temper. condition              | NPD                                                                   |                                                                                    |                     |                                                               |
| Compressive strength                                                            | Compressive stress, $\sigma_{10}$                                     | $\geq 100 \text{ kPa}, CS(10/Y)100$                                                |                     |                                                               |
| 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, $\mu$                                      | 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

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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DYREKTOR ZAKŁADU

Krzysztof Łukaszyk,

Bochnia, 01.01.2026  
 place and date of issue

signature and seal of the authorized person