

DECLARATION OF PERFORMANCE

RW-PL-G-DoP-/T/1068/24/w1

- | | |
|---|---|
| <p>1. Unique identification code of the product-type: RW-PL-G-1068-I</p> <p>2. Intended use: Thermal insulation products for buildings (ThIB).</p> <p>3. Manufacturer: ROCKWOOL® Hungary Kft., H-8300 Tapolca, Keszthelyi út 53.</p> | <p>4. System/s of AVCP: System 1 and System 3</p> <p>5. Harmonised standard: EN 13162:2012+A1:2015 Notified body No: Építészeti Minőségellenőrző Innovációs Nonprofit Kft. (1415).</p> <p>6. Declared Performance in the Table 1 and Table 2: MW-EN 13162-T4-WS-WL(P)</p> |
|---|---|

Table 1

| Essential Characteristics | Performance | Declared value / NPD ¹⁾ | Harmonized technical specification |
|--|---|--|------------------------------------|
| Thermal resistance | Thermal resistance R_D and thermal conductivity λ_D | see Table 2 0,041 W/mK | EN 13162:2012+A1:2015 |
| | T_i ^{a)} Thickness | T4 | |
| Reaction to fire | Euroclasses – reaction to fire (RtF) product | A1 | |
| Durability of reaction to fire against heat, weathering, ageing/ degradation ²⁾ | Durability characteristics Reaction to fire (RtF) product | A1 | |
| Durability of thermal resistance against heat, weathering, ageing/ degradation ²⁾ | Thermal resistance R_D and thermal conductivity λ_D (W/mK) | see Table 2 0,041 W/mK | |
| | Durability characteristics | NPD | |
| | | NPD | |
| Compressive strength | Compressive stress $CS(10)^{i^{a)}}$, $CS(10/Y)^{i^{a)}}$ (kPa) | NPD | |
| | Point load $PL(5)^{i^{a)}}$ (N) | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular to faces $TRi^{a)}$ (kPa) | NPD | |
| Durability of compressive strength against ageing/ degradation | Compressive creep | NPD | |
| Water permeability | Short term water absorption $WS (\leq 1 \text{ kg/m}^2)$ | WS | |
| | Long term water absorption $WL(P) (\leq 3 \text{ kg/m}^2)$ | WL(P) | |
| Water vapour permeability | Water vapour transmission Water vapour diffusion resistance factor | MU1 | |
| Impact noise transmission index (for floors) | Dynamic stiffness $SDi^{a)}$ Thickness, d_L Compressibility c Air flow resistivity $AFri^{a)}$ | NPD NPD NPD NPD | |
| Acoustic absorption index | Sound absorption $AWi^{a)}$ | NPD | |
| Direct airborne sound insulation index | Air flow resistivity $AFri^{a)}$ | NPD | |
| Continuous glowing combustion | Continuous glowing combustion | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances to the indoor environment | NPD | |

¹⁾ No performance determined (NPD); ²⁾ no change with time; a) "i" indicates relevant class of level or declared value;

Table 2

| | | Thermal resistance, R_D | | | | | | | | | | | | | | | | | | |
|---------------|--|---------------------------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| d(mm) | | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 |
| $R_D(m^2K/W)$ | | 0.45 | 0.70 | 0.95 | 1.20 | 1.45 | 1.70 | 1.95 | 2.15 | 2.40 | 2.65 | - | - | - | - | - | - | - | - | - |

NOTE: R value for thickness not seen in Table 2, is available on product label
This declaration of performance is available on the website dop.rockwool.com

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Katalin Pál

Quality assurance and Environmental Manager

(Name, function)

Tapolca, 22.10.2024.

(Place, date)

ROCKWOOL® Hungary Kft.
H-8300 Tapolca,
Keszthelyi út. 53.
Magyarország



(Signature)