

DECLARATION OF PERFORMANCE
No RW-CEE-DoP-2082/B/18/w1

- | | |
|---|---|
| <p>1. Unique identification code of the product-type: RW-CEE-2082</p> <p>2. Intended use: Thermal insulation products for buildings (ThIB).</p> <p>3. Manufacturer: ROCKWOOL® a.s. Cihelní 769, Skřečůň, 735 31 Bohumín</p> | <p>4. System/s of AVCP: System 1 and System 3</p> <p>Harmonised standard: EN 13162:2012+A1:2015</p> <p>5. Notified body No 1390 Centrum stavebního inženýrství a.s. Praha</p> <p>6. Declared Performance in the Table 1 and Table 2: MW-EN 13162-T3-CS(10)0,5-WS-WL(P)-AW0,90-MU1</p> |
|---|---|

Table 1

| Essential Characteristics | Performance | Declared value / NPD ¹⁾ | Harmonized technical specification |
|--|--|------------------------------------|------------------------------------|
| Thermal resistance | Thermal resistance R ₀ | see Table 2 | EN 13162:2012+A1:2015 |
| | Thickness d _N | | |
| | Thermal conductivity λ ₀ | 0,035 W/mK | |
| Reaction to fire | Ti ^{a)} Thickness | T3 | |
| | 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 ₀ and thermal conductivity λ ₀ (W/mK) | see Table 2 0,035 W/mK | |
| | Durability characteristics | NPD | |
| Compressive strength | Compressive stress CS(10) ⁱ ^{a)} , CS(10/Y) ⁱ ^{a)} (kPa) | CS(10)0,5 | |
| | 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 (≤1 kg/m ²) | WS | |
| | Long term water absorption WL(P) (≤ 3 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)} | NPD | |
| | Thickness, d _i | NPD | |
| | Compressibility c | NPD | |
| | Air flow resistivity AFri ^{a)} | NPD | |
| Acoustic absorption index | Sound absorption AWi ^{a)} | AW0,90 | |
| 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

| d _N (mm) | 50 | 60 | 70 | 80 | 90 | - | - | - | - | - | - | - | - | - | - | - | - |
|-------------------------------------|------|------|------|------|------|---|---|---|---|---|---|---|---|---|---|---|---|
| R ₀ (m ² K/W) | 1,40 | 1,70 | 2,00 | 2,25 | 2,55 | - | - | - | - | - | - | - | - | - | - | - | - |

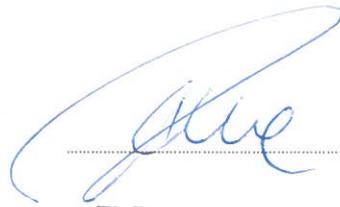
This declaration of performance is available on the website dop.rockwool.com

The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Paweł Pomykala
Factory Manager

Bohumín 2018-12-06





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