

DECLARATION OF PERFORMANCE

No RW-CEE-DoP-0184/B/19/w1

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|---|---|
| <p>1. Unique identification code of the product-type: RW-CEE-0184</p> <p>2. Intended use: Thermal insulation products for buildings (ThIB).</p> <p>3. Manufacturer: ROCKWOOL® Polska Sp. z o.o., ul. Kwiatowa 14, 66-131 Cigacice.</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: d=20-79mm MW-EN 13162-T4-CS(10)0,5-WS-WL(P)-MU1 d≥80mm MW-EN 13162-T4-CS(10)0,5-WS-WL(P)-AW0,95-MU1</p> |
|---|---|

Table 1

| Essential Characteristics | Performance | | Declared value / NPD ¹⁾ | | Harmonized technical specification |
|--|---|---------------------|------------------------------------|--------|------------------------------------|
| Thermal resistance | Thermal resistance R _D and d _N thermal conductivity λ _D | | see Table 2 0,034 W/mK | | EN 13162:2012+A1:2015 |
| | Ti ^{a)} Thickness | | T4 | | |
| Reaction to fire | Euroclasses – Reaction to fire (RtF) product | | A1 | | |
| Durability of reaction to fire against heat, weathering, ageing/ degradation | Durability characteristics Reaction to fire (RtF) product ²⁾ | | A1 | | |
| Durability of thermal resistance against heat, weathering, ageing/ degradation | Thermal resistance R _D and thermal conductivity λ _D (W/mK) ²⁾ | | see Table 2 0,034 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 TR ⁱ ^{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 | | MU1 | | |
| | Water vapour diffusion resistance factor | | | | |
| Impact noise transmission index (for floors) | Dynamic stiffness SD ⁱ ^{a)} | | NPD | | |
| | Thickness, d _L | | NPD | | |
| | Compressibility c | | NPD | | |
| | Air flow resistivity AF ⁱ ^{a)} | | NPD | | |
| Acoustic absorption index | Sound absorption AW ⁱ ^{a)} | d _N [mm] | 20-79 | ≥80 | |
| | | AW | NPD | AW0,95 | |
| Direct airborne sound insulation index | Air flow resistivity AF ⁱ ^{a)} | | NPD | | |
| Continuous glowing combustion | Continuous glowing combustion | | NPD | | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | | 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) | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 | 200 | - | - |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|---|
| R _D (m ² K/W) | 0,55 | 0,85 | 1,15 | 1,45 | 1,75 | 2,05 | 2,35 | 2,60 | 2,90 | 3,20 | 3,50 | 3,80 | 4,10 | 4,40 | 4,70 | 5,00 | 5,25 | 5,55 | 5,85 | - | - |

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:

Halina Ozon

Cigacice, 2019-08-12

