

## DECLARATION OF PERFORMANCE

### No RW-CEE-DoP-0204/C/20/w1

- |   |   |
|---|---|
| <b>1.</b> Unique identification code of the product-type:<br><b>RW-CEE-0204</b>                   | <b>4.</b> System/s of AVCP: <b>System 1 and System 3</b><br><br>Harmonised standard: <b>EN 13162:2012+A1:2015</b> |
| <b>2.</b> Intended use/es: <b>Thermal insulation products for buildings (ThIB).</b>               | <b>5.</b> Notified body No <b>1390</b>  |
| <b>3.</b> Manufacturer: <b>ROCKWOOL® Polska Sp. z o.o.,<br/>ul. Kwiatowa 14, 66-131 Cigacice.</b> | <b>6.</b> Declared Performance/s: in the Table 1 and Table 2:   |

**Table 1**

| Essential Characteristics  | Performance   | Declared value / NPD <sup>1)</sup> | Harmonized technical specification |
|--|---|------------------------------------|------------------------------------|
| Thermal resistance   | Thermal resistance $R_D$ and $d_N$<br>thermal conductivity $\lambda_D$  | see Table 2<br>0,034 W/mK          | EN 13162:2012+A1:2015              |
|  | Ti <sup>2)</sup> Thickness  | T3                                 |                                    |
| Reaction to fire   | Euroclasses – Reaction to fire (RtF) product  | A1                                 |                                    |
| Durability of reaction to fire against heat, weathering, ageing/ degradation   | Durability characteristics<br>Reaction to fire (RtF) product <sup>2)</sup>  | A1                                 |                                    |
| Durability of thermal resistance against heat, weathering, ageing/ degradation | Thermal resistance $R_D$ and<br>thermal conductivity $\lambda_D$ (W/mK) <sup>2)</sup>   | see Table 2<br>0,034 W/mK          |                                    |
|  | Durability characteristics  | NPD                                |                                    |
| Compressive strength   | Compressive stress CS(10) <sup>3)</sup> , CS(10/Y) <sup>3)</sup> (kPa)  | NPD                                |                                    |
|  | Point load PL(5) <sup>3)</sup> (N)  | NPD                                |                                    |
| Tensile / Flexural strength  | Tensile strength perpendicular to faces TR <sup>3)</sup> (kPa)  | NPD                                |                                    |
| Durability of compressive strength against ageing/ degradation                 | Compressive creep   | NPD                                |                                    |
| Water permeability   | Short term water absorption WS ( $\leq 1$ kg/m <sup>2</sup> )   | WS                                 |                                    |
|  | Long term water absorption WL(P) ( $\leq 3$ kg/m <sup>2</sup> )   | NPD                                |                                    |
| Water vapour permeability  | Water vapour transmission<br>Water vapour diffusion resistance factor   | MU1                                |                                    |
| Impact noise transmission index (for floors)                                   | Dynamic stiffness SD <sup>3)</sup><br>Thickness, d <sub>i</sub><br>Compressibility c<br>Air flow resistivity AFri <sup>3)</sup> | NPD<br>NPD<br>NPD<br>NPD           |                                    |
| Acoustic absorption index  | Sound absorption AW <sup>3)</sup>   | NPD                                |                                    |
| Direct airborne sound insulation index   | Air flow resistivity AFri <sup>3)</sup>   | NPD                                |                                    |
| Continuous glowing combustion  | Continuous glowing combustion   | NPD                                |                                    |
| Release of dangerous substances to the indoor environment                      | Release of dangerous substances   | NPD                                |                                    |

<sup>1)</sup> No performance determined (NPD); <sup>2)</sup> no change with time; <sup>3)</sup> "i" indicates relevant class of level or declared value;

**Table 2**

| $d_N$ (mm)                 | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | - | - | - | - | - |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|---|---|---|---|
| $R_D$ (m <sup>2</sup> K/W) | 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 | 6,15 | - | - | - | - | - |

This declaration of performance is available on the website [dop.rockwool.com](http://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, 2021-01-04

*Halina Ozon*