

# DECLARATION OF PERFORMANCE

No RW-CEE-DoP-2080/B/18/w1

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| <p><b>1.</b> Unique identification code of the product-type:<br/><b>RW-CEE-2080</b></p> <p><b>2.</b> Intended use: <b>Thermal insulation products for buildings (ThiB).</b></p> <p><b>3.</b> Manufacturer: <b>ROCKWOOL® a.s. Cihelní 769, Skřečoh, 735 31 Bohumín</b></p> | <p><b>4.</b> System/s of AVCP: <b>System 1 and System 3</b><br/>Harmonised standard: <b>EN 13162:2012+A1:2015</b></p> <p><b>5.</b> Notified body No <b>1390 Centrum stavebního inženýrství a.s. Praha</b></p> <p><b>6.</b> Declared Performance in the Table 1 and Table 2:<br/><b>MW-EN 13162-T4-DS(70,90)-CS(10)30 -WS-WL(P)-MU1</b></p> |
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Table 1

| Essential Characteristics  | Performance  | Declared value / NPD <sup>1)</sup> | Harmonized technical specification |
|--|--|------------------------------------|------------------------------------|
| Thermal resistance   | Thermal resistance $R_0$   | see Table 2                        | EN 13162:2012+A1:2015              |
|  | Thickness $d_N$  |                                    |                                    |
|  | Thermal conductivity $\lambda_D$                                       | 0,036 W/mK                         |                                    |
|  | Ti <sup>4)</sup> Thickness   | T4                                 |                                    |
| Reaction to fire   | Euroclasses – Reaction to fire (RtF) product                           | A1                                 |                                    |
| Durability of reaction to fire against heat, weathering, ageing/ degradation <sup>2)</sup>   | Durability characteristics<br>Reaction to fire (RtF) product           | A1                                 |                                    |
| Durability of thermal resistance against heat, weathering, ageing/ degradation <sup>2)</sup> | Thermal resistance $R_0$ and thermal conductivity $\lambda_D$ (W/mK)   | see Table 2<br>0,036 W/mK          |                                    |
|  | Durability characteristics   | DS(70,90)                          |                                    |
| Compressive strength   | Compressive stress CS(10) <sup>3)</sup> , CS(10/Y) <sup>3)</sup> (kPa) | CS(10)30                           |                                    |
|  | Point load PL(5) <sup>3)</sup> (N)                                     | NPD                                |                                    |
| Tensile / Flexural strength  | Tensile strength perpendicular to faces TRi <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> )        | WL(P)                              |                                    |
| Water vapour permeability  | Water vapour transmission  |                                    |                                    |
|  | Water vapour diffusion resistance factor                               | MU1                                |                                    |
| Impact noise transmission index (for floors)   | Dynamic stiffness SDi <sup>3)</sup>                                    | NPD                                |                                    |
|  | Thickness, $d_L$   | NPD                                |                                    |
|  | Compressibility c  | NPD                                |                                    |
|  | Air flow resistivity AFRi <sup>3)</sup>                                | NPD                                |                                    |
| Acoustic absorption index  | Sound absorption AWi <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 to the indoor environment              | NPD                                |                                    |

<sup>1)</sup> No performance determined (NPD); <sup>2)</sup> no change with time; <sup>3)</sup> \* 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  | 200  | - | - |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|---|
| $R_0$ (m <sup>2</sup> K/W) | 1,35 | 1,65 | 1,90 | 2,20 | 2,50 | 2,75 | 3,05 | 3,30 | 3,60 | 3,85 | 4,15 | 4,40 | 4,70 | 5,00 | 5,55 | - | - |

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:

**Pawel Pomykala**  
Factory Manager  
(Name, function)

**Bohumín 2018-09-01**  
(Place, date)



(Signature)

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