

### Declaration of Performance No RW-PL/G-DoP-2804/B/18/w1

- |  |  |
|--|--|
| <b>1.</b> Unique identification code of the product-type:<br><b>RW-PL-G-2804-I</b> | <b>4.</b> System of attestation of conformity: <b>System 1 and System 3</b>  |
| <b>2.</b> Intended use: <b>thermal insulation products for building equipment.</b> | <b>5.</b> Harmonised standard: <b>EN 14 303:2009+A1:2013</b><br>Notified body No. <b>1390 Centrum stavebního inženýrství a.s. Praha.</b> |
| <b>3.</b> Manufacturer: <b>ROCKWOOL a.s., Cihelni 769, Skřečůň 735 31 Bohumin</b>  | <b>6.</b> Declared Performance in the Table 1:<br><b>MW-EN 14303-T2-ST(+)680-WS1</b>   |

Table 1

| Essential characteristics                                   |                      | Performance  | Declared value/ NPD <sup>1)</sup> |            |       |       | Harmonized technical specification |
|---|----------------------|--|-----------------------------------|------------|-------|-------|------------------------------------|
| Thermal resistance  | Thermal conductivity | Temperature $\vartheta$ (°C)   | 50                                | 100        | 150   | 200   | EN 14303:2009+A1:2013              |
|   |                      | Thermal conductivity $\lambda_D$ W/(m·K)                                 | 0,041                             | 0,046      | 0,052 | 0,060 |                                    |
|   |                      | Temperature $\vartheta$ (°C)   | 250                               | 300        | 350   | 400   |                                    |
|   |                      | Thermal conductivity $\lambda_D$ W/(m·K)                                 | 0,069                             | 0,081      | 0,093 | 0,107 |                                    |
|   |                      | Temperature $\vartheta$ (°C)   | 500                               | 600        | 680   | -     |                                    |
|   |                      | Thermal conductivity $\lambda_D$ W/(m·K)                                 | 0,140                             | 0,178      | 0,219 | -     |                                    |
|   | Thickness            | Thickness $d_D$ mm<br>Ti <sup>2)</sup> thickness tolerances              | 40-120<br>T2                      |            |       |       |                                    |
| Reaction to fire  |                      | Euroclass – reaction to fire (RtF):                                      |                                   | A1         |       |       |                                    |
| Durability of thermal resistance against ageing/degradation |                      | Maximum service temperature 680°C  |                                   | ST(+)/680  |       |       |                                    |
| Durability of thermal resistance against high temperature   |                      | Maximum service temperature 680°C  |                                   | ST(+)/680  |       |       |                                    |
| Durability of reaction to fire against ageing/ degradation  |                      | Durability characteristics - reaction to fire (RtF)                      |                                   | A1         |       |       |                                    |
| Durability of reaction to fire against high temperature     |                      | Durability characteristics - reaction to fire (RtF)                      |                                   | A1         |       |       |                                    |
| Compressive strength  |                      | Compressive strength at 10% deformation CS(10) <sup>i2)</sup>            |                                   | NPD        |       |       |                                    |
| Water permeability  |                      | Water absorption ( $\leq 1$ kg/m <sup>2</sup> )                          |                                   | WS1        |       |       |                                    |
| Water vapour permeability                                   |                      | Water vapour diffusion equivalent air layer thickness, MVi <sup>2)</sup> |                                   | NPD        |       |       |                                    |
| Rate of release of corrosive substances                     |                      | Trace quantities ions of water-soluble (ppm)<br>pHi <sup>2)</sup> -value |                                   | NPD<br>NPD |       |       |                                    |
| Acoustic absorption index                                   |                      | Sound absorption (AWi <sup>2)</sup> )                                    |                                   | NPD        |       |       |                                    |
| Release of dangerous substances                             |                      | Release of dangerous substances  |                                   | NPD        |       |       |                                    |
| Continuous glowing combustion                               |                      | Continuous glowing combustion  |                                   | NPD        |       |       |                                    |

<sup>1)</sup> No performance determined; <sup>2)</sup> "i" indicates relevant class of level or declared value;

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:

**Paweł Pomykała**  
 Factory Manager  
 (Name, function)

**Bohumin 2018-01-29**  
 (Place, date)



(Signature)



ROCKWOOL, a.s., Cihelni 769, 735 31 Bohumin  
 IČO: 26165261, DIČ: CZ26165261 tel 596 094 330