

### Declaration of Performance No RW-PL/G-DoP-2800/B/17/w1

- |  |  |
|--|--|
| <p>1. Unique identification code of the product-type:<br/><b>RW-PL-G-2800-I</b></p> <p>2. Intended use: <b>thermal insulation products for building equipment.</b></p> <p>3. Manufacturer: <b>ROCKWOOL a.s., Cihelni 769, Skřečoň 735 31 Bohumin</b></p> | <p>4. System of attestation of conformity: <b>System 1 and System 3</b></p> <p>5. Harmonised standard: <b>EN 14 303:2015</b><br/>Notified body No. <b>1390 Centrum stavebního inženýrství a.s. Praha.</b></p> <p>6. Declared Performance in the Table 1:<br/><b>MW-EN 14303-T4-ST(+)-400-WS1</b></p> |
|--|--|

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 14303:2015                      |
|   |                      | Thermal conductivity $\lambda_D$ W/(m·K)                                 | 0,042                             | 0,054 | 0,069 | 0,086 |                                    |
|   |                      | Temperature $\vartheta$ (°C)   | 250                               | 300   | 350   | 400   |                                    |
|   |                      | Thermal conductivity $\lambda_D$ W/(m·K)                                 | 0,106                             | 0,131 | 0,160 | 0,192 |                                    |
|   | Thickness            | Ti <sup>2)</sup> thickness tolerances                                    | T4                                |       |       |       |                                    |
| Reaction to fire  |                      | Euroclass – reaction to fire (RtF):                                      | A1                                |       |       |       |                                    |
| Durability of thermal resistance against ageing/degradation |                      | Maximum service temperature 250°C  | ST(+)-400                         |       |       |       |                                    |
| Durability of thermal resistance against high temperature   |                      | Maximum service temperature 250°C  | ST(+)-400                         |       |       |       |                                    |
| 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/m²)                                       | 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>a1)</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)

**Bohumín dn. 08.09.2017**  
(Place, date)

  
(Signature)