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|---|---|
| 1. Unique identification code of the product-type   | RWUK-CE-0047-04_english   |
| 2. Intended use of the construction product as foreseen by the manufacturer, in accordance with the applicable harmonised technical specification                     | Thermal insulation for buildings (ThIB)   |
| 3. Name, registered trade name or registered trade mark and contact address of the manufacturer, as required pursuant to Article 11(5) of regulation (EU) No 305/2011 | ROCKWOOL® Limited<br>Pencoed, Bridgend, CF35 6NY, UK  |
| 4. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2) of regulation (EU) No 305/2011                 | ROCKWOOL® FRANCE S.A.S.<br>111 rue du Château des Rentiers,<br>75013 Paris, France.<br><a href="mailto:dop.eu@rockwool.com">dop.eu@rockwool.com</a> |
| 5. Applicable System or Systems of Assessment and Verification of Constancy of Performance (AVCP)   | SYSTEM 1 for uses subject to regulations on reaction to fire<br>SYSTEM 3 for all other intended uses  |
| 6. Harmonised Standard reference number   | EN 13162:2012+A1:2015   |
| 7. Notified Body identification number  | 0751  |
| 8. Declared Performances  | Please refer to the table below<br>(NPD – No Performance Determined)  |

| Essential Characteristics   | Requirement clauses in this European Standard   | Level and/or classes   | Declared value                 |
|---|---|--|--------------------------------|
| Thermal resistance  | 4.2.1 Thermal resistance and thermal conductivity<br>4.2.3 Thickness  | Declared $R_D$ and/or $\lambda_D$<br>Declared $d$ or tolerance class T             | $\lambda_D$ : 0.035 W/mK<br>T4 |
| Reaction to fire<br>Euroclass characteristics                                 | 4.2.6 Reaction to fire  | Euroclasses  | A1                             |
| Durability of reaction to fire against heat, weathering, ageing/degradation   | 4.2.7 Durability characteristics <sup>a)</sup>  | Euroclasses  | <sup>a)</sup>                  |
| Durability of thermal resistance against heat, weathering, ageing/degradation | 4.2.1 Thermal resistance and thermal conductivity<br>4.2.7 Durability characteristics                               | Declared $R_D$ and $\lambda_D$<br>DS(70,-) or DS(23,90) or DS(70,90) <sup>c)</sup> | <sup>b)</sup><br>NPD           |
| Compressive strength  | 4.3.3 Compressive stress or compressive strength<br>4.3.5 Point load  | Declared CS Level<br>Declared PL   | NPD<br>NPD                     |
| Tensile/Flexural strength   | 4.3.4 Tensile strength perpendicular to faces <sup>d)</sup>   | Declared TR Level  | NPD                            |
| Durability of compressive strength against ageing/degradation                 | 4.3.6 Compressive creep   | Declared CC  | NPD                            |
| Water permeability  | 4.3.7.1 Short term water absorption<br>4.3.7.2 Long term water absorption   | Declared WS<br>Declared WL(P)  | NPD<br>NPD                     |
| Water vapour permeability   | 4.3.8 Water vapour transmission   | Declared MU or Z   | MU1                            |
| Impact noise transmission index (for floors)                                  | 4.3.9 Dynamic stiffness<br>4.3.10.2 Thickness, $d_L$<br>4.3.10.4 Compressibility $c$<br>4.3.12 Air flow resistivity | Declared SD<br>Declared $d_L$ and T Class<br>Declared CP<br>Declared $AF_r$        | NPD<br>NPD<br>NPD<br>NPD       |
| Acoustic absorption index   | 4.3.11 Sound absorption   | Declared AP and AW   | NPD                            |
| Direct airborne sound insulation index  | 4.3.12 Air flow resistivity   | Declared $AF_r$  | NPD                            |
| Release of dangerous substances to the indoor environment                     | 4.3.13 Release of dangerous substances <sup>e)</sup>  |  | <sup>e)</sup>                  |
| Continuous glowing combustion   | 4.3.15 Continuous glowing combustion <sup>e)</sup>  |  | <sup>e)</sup>                  |

<sup>a)</sup> No change in reaction to fire properties for mineral wool products. The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

<sup>b)</sup> Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

<sup>c)</sup> For dimensional stability thickness only.

<sup>d)</sup> This characteristic also covers handling and installation.

<sup>e)</sup> European test methods are under development.

The performance of the product identified above is in conformity with the set of declared performances. 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:



Maxim Vasiliev  
Technical Director

At Bridgend on 16th July 2021