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| 1. Unique identification code of the product-type   | UK-WER-0142-01_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   |
| 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   |
| 4. 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 |
| 5. Harmonised Standard reference number and date of issue   | BS EN 13162:2012<br>Issued on 28 February 2013   |
| 6. Notified Body identification number  | 0086   |
| 7. 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                        |
|---|---|---|---------------------------------------|
| Reaction to fire<br>Euroclass characteristics                                 | 4.2.6 Reaction to fire                                      | Euroclasses   | A1                                    |
| Release of dangerous substances to the indoor environment                     | 4.3.13 Release of dangerous substances                      | –   | NPD                                   |
| Acoustic absorption index   | 4.3.11 Sound absorption                                     | Declared $\alpha_p$ and $\alpha_w$                          | NPD                                   |
| Impact noise transmission index (for floors)                                  | 4.3.9 Dynamic stiffness                                     | Declared $s'$   | NPD                                   |
|   | 4.3.10.2 Thickness, $d_L$                                   | Declared $d_L$ and T Class                                  | NPD                                   |
|   | 4.3.10.4 Compressibility $c$                                | Declared $c$ and CP Level                                   | NPD                                   |
|   | 4.3.12 Air flow resistivity                                 | Declared $AF_r$   | NPD                                   |
| Direct airborne sound insulation index  | 4.3.12 Air flow resistivity                                 | Declared $AF_r$   | NPD                                   |
| Continuous glowing combustion   | 4.3.15 Continuous glowing combustion                        | –   | NPD                                   |
| Thermal resistance  | 4.2.1 Thermal resistance and thermal conductivity           | Declared $R_{90/90}$ and/or $\lambda_{90/90}$               | $\lambda(90/90) = 0.040 \text{ W/mK}$ |
|   | 4.2.2 Length and width                                      | Declared $l$ and $b$  | $\pm 5\text{mm}$ and $\pm 3\text{mm}$ |
|   | 4.2.3 Thickness   | Declared $d$ or tolerance class $T$                         | T5                                    |
|   | 4.2.4 Squareness  | Declared $S_b$  | $\pm 2.5$ per 500mm                   |
|   | 4.2.5 Flatness  | Declared $S_{max}$  | $\pm 6\text{mm}$                      |
| Water permeability  | 4.3.7.1 Short term water absorption                         | Declared $W(P)$   | NPD                                   |
|   | 4.3.7.2 Long term water absorption                          | Declared $WL(P)$  | NPD                                   |
| Water vapour permeability   | 4.3.8 Water vapour transmission                             | Declared $\mu$ or $Z$                                       | MU1                                   |
| Compressive strength  | 4.3.3 Compressive stress or compressive strength            | Declared CS Level   | NPD                                   |
|   | 4.3.5 Point load  | Declared $F_p$  | NPD                                   |
| Durability of reaction to fire against heat, weathering, ageing/degradation   | 4.2.7 Durability characteristics <sup>a)</sup>              | <sup>b)</sup>   | NPD                                   |
| Durability of thermal resistance against heat, weathering, ageing/degradation | 4.2.1 Thermal resistance and thermal conductivity           | Declared $R_{90/90}$ and/or $\lambda_{90/90}$ <sup>c)</sup> | NPD                                   |
|   | 4.2.7 Durability characteristics                            | <sup>d)</sup>   | NPD                                   |
| Tensile/Flexural strength   | 4.3.4 Tensile strength perpendicular to faces <sup>e)</sup> | Declared TR Level   | TR5                                   |
| Durability of compressive strength against ageing/degradation                 | 4.3.6 Compressive creep                                     | Declared $X_{ct}$ and $X_t$                                 | NPD                                   |

<sup>a)</sup> No change in reaction to fire properties for mineral wool products.

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

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

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:

Bob PERRY  
Production Director



At Bridgend on 20th July 2014