

1. Unique identification code of the product-type	UK-WER-0109-04_english
2. Intended use of the construction product as foreseen by the manufacturer, in accordance with the applicable harmonised technical specification	Thermal insulation for building equipment and industrial installations
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 Pencoed, Bridgend, CF35 6NY, UK
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 SYSTEM 3 for all other intended uses
5. Harmonised Standard reference number	BS EN 14303:2009 +A1:2013
6. Notified Body identification number	0751
7. Declared Performances	Please refer to the table below (NPD – No Performance Determined)

Essential Characteristics	Requirement clauses in this European Standard	Level and/or classes	Declared value																	
Reaction to fire Euroclass characteristics	4.2.4 Reaction to fire	Euroclasses	A1																	
Acoustic absorption index	4.3.8 Sound absorption	Declared $\alpha_p$ and $\alpha_w$	NPD																	
Thermal resistance	4.2.1 Thermal conductivity	<table><tr><td>T (°C)</td><td>10</td><td>50</td><td>100</td><td>150</td><td>200</td></tr><tr><td><math>\lambda</math> (W/mK)</td><td>0.034</td><td>0.040</td><td>0.050</td><td>0.063</td><td>0.079</td></tr></table>	T (°C)	10	50	100	150	200	$\lambda$ (W/mK)	0.034	0.040	0.050	0.063	0.079						
T (°C)	10	50	100	150	200															
$\lambda$ (W/mK)	0.034	0.040	0.050	0.063	0.079															
	4.2.2 Dimensions and tolerances	Thickness tolerance class T	T2																	
Water permeability	4.3.5 Water absorption	Declared WS	WS1																	
Water vapour permeability	4.3.6 Water vapour diffusion resistance	Declared MV	MV2																	
Compressive strength	4.3.4 Compressive stress or compressive strength for flat products	Declared CS Level	NPD																	
Rate of release of corrosive substances	4.3.7 Trace quantities of water soluble ions and the pH-value	Levels of ion content	NPD																	
		Levels of the pH-value	NPD																	
Release of dangerous substances to the indoor environment	4.3.9 Release of dangerous substances <sup>d)</sup>		<sup>d)</sup>																	
Continuous glowing combustion	4.3.10 Continuous glowing combustion <sup>e)</sup>		<sup>e)</sup>																	
Durability of reaction to fire against ageing/degradation	4.2.5 Durability characteristics		<sup>a)</sup>																	
Durability of thermal resistance against ageing/degradation	4.2.1 Thermal conductivity <sup>b)</sup>	Declared $\lambda$	<sup>b)</sup>																	
	4.2.2 Dimensions and tolerances <sup>b)</sup>	Thickness tolerance class T	<sup>b)</sup>																	
	4.2.3 Dimensional stability <sup>b)</sup> , or	Declared $\Delta\epsilon_d$ , $\Delta\epsilon_l$ , $\Delta\epsilon_b$	<sup>b)</sup>																	
	4.3.2 Maximum service temperature – dimensional stability <sup>b)</sup>	Declared ST(+)	<sup>b)</sup>																	
	4.2.5 Durability characteristics <sup>b)</sup>		<sup>b)</sup>																	
Durability of reaction to fire against high temperature	4.2.5 Durability characteristics <sup>c)</sup>		<sup>c)</sup>																	
Durability of thermal resistance against high temperature	4.2.5 Durability characteristics <sup>b)</sup>		<sup>b)</sup>																	
	4.3.2 Maximum service temperature – dimensional stability <sup>b)</sup>		ST(+)+230 (= 230°C)																	

<sup>a)</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>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> The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.

<sup>d)</sup> An informative database of European and national provisions on dangerous substances is available at the Construction web site on EUROPA (Accessed through [http://ec.europa.eu/growth/tools-databases/cp-ds\\_en](http://ec.europa.eu/growth/tools-databases/cp-ds_en)).

<sup>e)</sup> A European test method is under development and the standard will be amended when this is available.

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 26th October 2020