

1. Unique identification code of the product-type	RWUK-CE-0107-05_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. 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. 111 rue du Château des Rentiers, 75013 Paris, France. dop.eu@rockwool.com
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 SYSTEM 3 for all other intended uses
6. Harmonised Standard reference number	EN 14303:2009+A1:2013
7. Notified Body identification number	0751
8. 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	$D_0 \leq 300\text{mm} = A2\text{-s1, d0}$ $D_0 > 300\text{mm} = A2\text{-s1, d0}$
Acoustic absorption index	4.3.8 Sound absorption	Declared α_p and α_w	NPD
Thermal resistance	4.2.1 Thermal conductivity		See TABLE 1
	4.2.2 Dimensions and tolerances	Thickness tolerance class T	$D_0 < 150\text{mm} = T8$ $D_0 \geq 150\text{mm} = T9$
Water permeability	4.3.5 Water absorption	Declared WS	WS1
Water vapour permeability	4.3.6 Water vapour diffusion resistance	Declared MV	NPD
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 ^{d)}		^{d)}
Continuous glowing combustion	4.3.10 Continuous glowing combustion ^{e)}		^{e)}
Durability of reaction to fire against ageing/degradation	4.2.5 Durability characteristics ^{a)}		^{a)}
Durability of thermal resistance against ageing/degradation	4.2.1 Thermal conductivity ^{b)}	Declared λ	^{b)}
	4.2.2 Dimensions and tolerances ^{b)}	Thickness tolerance class T	^{b)}
	4.2.3 Dimensional stability ^{b)} , or	Declared $\Delta\epsilon_d$, $\Delta\epsilon_l$, $\Delta\epsilon_b$	^{b)}
	4.3.2 Maximum service temperature – dimensional stability ^{b)}	Declared ST(+)	^{b)}
	4.2.5 Durability characteristics ^{b)}		^{b)}
Durability of reaction to fire against high temperature	4.2.5 Durability characteristics ^{c)}		^{c)}
Durability of thermal resistance against high temperature	4.2.5 Durability characteristics ^{b)}		^{b)}
	4.3.2 Maximum service temperature – dimensional stability ^{b)}		ST(+)/250 (= 250°C)

^{a)} 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.

^{b)} 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.

^{c)} 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.

^{d)} 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).

^{e)} A European test method is under development and the standard will be amended when this is available.

TABLE 1

To Suit Pipe O.D. / mm	Insulation Thickness / mm														
	20	25	30	35	40	45	50	55	60	65	70	75	80	90	100
017	1	1	1	1	1	1									
021	1	1	1	1	1	1	1	1							
027	1	1	1	1	1	1	1	2	2	2	2				
034	1	1	1	1	1	1	1	2	2	2					
042	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
048	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
054	1	1	1	1	1	1	1	2	2	2	2	2	2		
060	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
067		2	2	2	2	2	2	2	2	2	2	2	2	2	2
076		2	2	2	2	2	2	2	2	2	2	2	2	2	2
080		2	2	2	2	2	2	2	2	2	2	2	2	2	2
089		2	2	2	2	2	2	2	2	2	2	2	2	2	2
102		2	2	2	2	2	2	2	2	2	2	2	2	2	2
108		2	2	2	2	2	2	2	2	2	2	2	2	2	2
114		2	2	2	2	2	2	2	2	2	2	2	2	2	2
127		2	2	2	2	2	2	2	2	2	2	2	2	2	
133		2	2	2	2	2	2	2	2	2	2	2	2	2	2
140		2	2	2	2	2	2	2	2	2	2	2	2	2	2
150		2	2	2	2	2	2	2	2	2					
154		2	2	2	2	2	2	2	2	2	2	2	2		
159		2	2	2	2	2	2	2	2	2	2	2	2	2	2
169		2	2	2	2	2	2	2	2	2	2	2	2	2	2
178		2	2	2	2	2	2	2	2	2					
191		2	2	2	2	2	2	2	2						
194		2	2	2	2	2	2	2	2	2	2	2	2	2	2
205		2	2	2	2	2	2	2	2	2	2	2	2	2	2
219		2	2	2	2	2	2	2	2	2	2	2	2	2	2
230					2	2	2	2	2	2	2	2	2	2	2
245		2	2	2	2	2	2	2	2	2	2	2	2	2	2
253		2	2	2	2	2	2	2	2	2	2	2	2	2	2
273		2	2	2	2	2	2	2	2	2	2	2	2	2	2
279		2	2	2	2	2	2	2	2	2	2	2	2	2	2
305		2	2	2	2	2	2	2	2	2	2	2	2	2	2
318		2	2	2	2	2	2	2	2	2	2	2	2	2	2
324		2	2	2	2	2	2	2	2	2	2	2	2	2	2
356			2	2	2	2	2	2	2	2	2	2	2	2	2
406			2	2	2	2	2	2	2	2	2	2	2	2	2
456					2	2	2	2	2	2	2	2	2	2	2
508					2	2	2	2	2	2	2	2	2	2	2
558					2	2	2	2	2	2	2	2	2	2	
610					2	2	2	2	2						

Curve 1

10 °C	50 °C	100 °C	150 °C
0.033	0.037	0.044	0.052
W/mK	W/mK	W/mK	W/mK

Curve 2

10 °C	50 °C	100 °C	150 °C
0.034	0.039	0.046	0.056
W/mK	W/mK	W/mK	W/mK

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