DECLARATION OF PERFORMANCE No: UK-WER-0234-01_english

Quilt Slab

http://dop.rockwool.com

1.	Unique identification code of the product-type	UK-WER-0234-01_english
2.	Intended use of the construction product as foreseen by the manufacturer, in accordance with the applicable harmonised technical specification	Thermal insulation of 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
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 and date of issue	BS EN 14303:2009 +A1:2013 Issued on 21st May 2018
6.	Notified Body identification number	0086
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 α_p and α_w	NPD
Thermal resistance	4.2.1 Thermal conductivity	**T (°C)** / **λ (W/mK)**: **10** 0.034; **50** 0.040; **100** 0.050; **150** 0.063; **200** 0.079	
	4.2.2 Dimensions and tolerances	Thickness tolerance class	T1
Water permeability	4.3.5 Short term water absorption	Declared W(P)	WS1
Water vapour permeability	4.3.6 Water vapour diffusion resistance	Declared level	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	-	NPD
Continuous glowing combustion	4.3.10 Continuous glowing combustion	-	NPD
Durability of reaction to fire against ageing/degradation	4.2.5 Durability characteristics	[a]	NPD
Durability of thermal resistance against ageing/degradation	4.2.1 Thermal conductivity	Declared λ [b]	NPD
	4.2.2 Dimensions and tolerances	Class [b]	NPD
	4.2.3 Dimensional stability, or	Declared $\Delta\varepsilon_d$, $\Delta\varepsilon_l$, $\Delta\varepsilon_b$ [b]	NPD
	4.3.2 Maximum service temperature – dimensional stability	Declared ST(+) [b]	NPD
	4.2.5 Durability characteristics	[b]	NPD
Durability of reaction to fire against high temperature	4.2.5 Durability characteristics	[c]	NPD
Durability of thermal resistance against high temperature	4.2.5 Durability characteristics	[b]	NPD
	4.3.2 Maximum service temperature – dimensional stability	[b]	ST(+)230 (= 230°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.

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:

Ian Kellie
Production Director

At Bridgend on 21st May 2018