

## DUCT SLAB

1. Unique identification code of the product-type: MW-EN-14303-T2-ST(+)230-WS1-MV2
2. Type and serial number allowing identification of the product: See product label for Duct Slab
3. Intended use of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: Thermal insulation of building equipment and industrial installations (ThIBEII)
4. Name, registered trade name or trade mark and contact address of the manufacturer as required under article 11(5): Rockwool Ltd, Pencoed, Bridgend, CF35 6NY
5. System of attestation of conformity: System 1+ and System 3
6. Notified Certification body No. 0751 performed, carried out the initial type testing, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity 0751-CPD.2-014.0-11.
7. Declared Performance: (NPD – no performance declared)

Essential Characteristics	Clauses in this and other European standard(s) related to essential characteristics	Harmonized technical specification BS EN 14303:2009 Declared value					
Reaction to fire	4.2.4 Reaction to fire	Euroclasses: A1					
Acoustic absorption index	4.3.8 Sound absorption						
Thermal resistance	4.2.1 Thermal conductivity	T (°C)	10	50	100	150	200
		λ (W/mK)	0.034	0.042	0.054	0.06	0.086
	4.2.2 Dimensions and tolerances	T2					
Water vapour permeability	4.3.6 Water vapour diffusion resistance	Water absorption: WS1 (≤ 1 kg/m <sup>2</sup> )					
Compressive strength	4.3.4 Compressive stress or compressive strength for flat products	NPD					
Rate of release of corrosive substances	4.3.7 Trace quantities of water soluble ions and the pH-value	Trace quantities of water-soluble chloride ions: NPD 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	b) NPD					
	4.2.2 Dimensions and tolerances	NPD					
	4.2.3 Dimensional stability, or	NPD					
	4.3.2 Maximum service temperature – dimensional stability	NPD					
	4.2.5 Durability characteristics	NPD					
Durability of reaction to fire against high temperature	4.2.5 Durability characteristics	NPD					
Durability of thermal resistance against high temperature	4.2.5 Durability characteristics	c) 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.

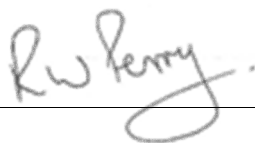
b) Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

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 in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Bob Perry  
Production Director



Signature

Pencoed, 1st July 2013