PRODUCT DATASHEET

PAROC Marine Slab 150

Stone wool slab. Also possible to use with facings AluCoat, G1, G2, G3, G4, G7, N3, N5 and N8. See "Facings".

Fire protection on ships.

Maximum service temperature for PAROC Marine Slab 150 is 660°C.

PAROC stone wool products are capable of withstanding high temperatures. The binder starts to evaporate when its temperature exceeds approximately 200°C. The insulating properties remain unchanged, but the compressive stress weakens. The softening temperature of stone wool products is over 1000°C.

Certification Number 0809-CPR-1016 Eurofins Expert Services Ltd, Kivimiehentie 4, FI-02150 Espoo. Finland

Type-Examination (Module B) certificate No. EUFI29-20002519-MED

Designation Code MV-EN 14303-T5-WS1

Nominal Density 150 kg/m³

Package Type Plastic packs on pallet

DIMENSIONS	
WIDTH X LENGTH	**THICKNESS**
600 x 1200 mm	20 - 60 mm
According to EN 822	According to EN 823
Other Dimensions: Other dimensions available on request.	

Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Fire Classification (IMO)	Non-Combustible	IMO FTP 2010 Code Part 1
THERMAL PROPERTIES		
Thermal Conductivity in 50 °C, λ_{50}	0.042 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ_{100}	0.046 W/mK	EN 12667
Thermal Conductivity in 200 °C, λ_{200}	0.060 W/mK	EN 12667
Thermal Conductivity in 300 °C, λ_{300}	0.081 W/mK	EN 12667
Thermal Conductivity in 400 °C, λ_{400}	0.110 W/mK	EN 12667
Thermal Conductivity in 500 °C, λ_{500}	0.147 W/mK	EN 12667
Thermal Conductivity in 600 °C, λ_{600}	0.192 W/mK	EN 12667
MOISTURE PROPERTIES		
Water Absorption Short Term WS, (W_p)	≤ 1 kg/m²	EN 1609
DURABILITY OF FIRE AND THERMAL PROPERTIES		
Durability of Reaction to Fire Against Ageing/Degradation	No change in reaction to fire properties for mineral wool products. 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.	
Durability of Reaction to Fire Against High Temperature	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.	
Durability of Thermal Resistance Against Ageing/Degradation	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.	

Appearance

FACINGS	
	 N3  N5  N8

Head Office: PAROC GROUP, P.O. Box 240 (Energiakuja 3), FI-00181 Helsinki Finland, Tel. +358 46 876 8000, www.paroc.com