

PAROC Marine Slab LO 150



Certification Number VTT-C-11346-15-15 / Eurofins Expert Services Ltd, Kivimiehentie 4, FI-02150 Espoo, Finland

Short Description Stone wool slab

Application Fire insulation for shipbuilding applications.

The notified body Eurofins Expert Services Ltd. (0809) performed and issued the certificates: Type-Examination (Module B) certificate No. VTT-C-11346-15-15

Nominal Density 150 kg/m³

Maximum service temperature for PAROC Marine Slab LO 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.

Dimensions

Dimensions	
Width x Length	Thickness
600 x 1200 mm	20 - 120 mm
In accordance with EN 822	In accordance with EN 823

Other Dimensions Other dimensions available on request.

Packaging

Package Type Plastic packs on pallet

Fire Properties

Other Fire Properties		
Property	Value	According to
Fire Classification (IMO)	Non-Combustible	IMO FTP 2010 Code Part 1

Thermal Properties

Thermal Conductivity (values announced by manufacturer)		
Property	Value	According to
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 Permeability		
Property	Value	According to
Water Absorption, Short Term WS, W_p	$\leq 1 \text{ kg/m}^2$	EN 1609

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