

PAROC Marine Slab 180



Certification Number	VTT-C-11346-15-15 / Eurofins Expert Services Ltd, Kivimiehentie 4, FI-02150 Espoo. Finland
Short Description	Stone wool slab. Also possible to use with facings AluCoat, G1, G2, G3, G4, G7, N3 and N5. See "Facings". Available also cut into lamellas, ground or sawn to measure.
Application	Fire protection on ship equipment.

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 180 kg/m³

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 - 70 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 10 °C, λ_{10}	0,039 W/mK	EN 12667
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

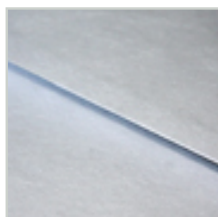
Moisture Properties

Water Permeability		
Property	Value	According to
Water Absorption, Short Term WS, W_p	$\leq 1 \text{ kg/m}^2$	EN 1609

Facings



N3



N5

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