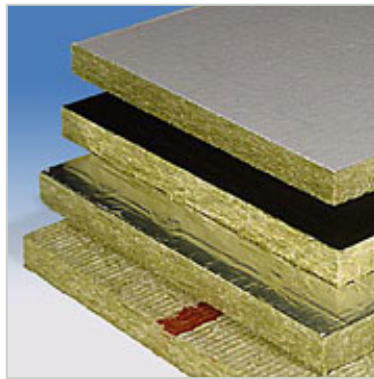


PAROC Marine Fire Slab 80



Short Description

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

Application

Fire protection on ships.

The notified body Eurofins Expert Services Ltd. (0809) performed and issued the certificates: Type-Examination (Module B) certificate No. VTT-C-12280-15-18

Nominal Density

80 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	25 - 100 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 Resistance

Property	Value	According to
Dimensions and Tolerances	T5	EN 14303:2009+A1:2013

Thermal Conductivity (values announced by manufacturer)

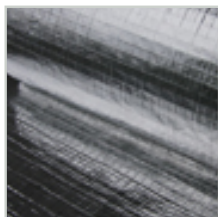
Property	Value	According to
Thermal Conductivity in 10 °C, λ_{10}	0,037 W/mK	EN 12667
Thermal Conductivity in 50 °C, λ_{50}	0,043 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ_{100}	0,047 W/mK	EN 12667
Thermal Conductivity in 200 °C, λ_{200}	0,065 W/mK	EN 12667
Thermal Conductivity in 300 °C, λ_{300}	0,095 W/mK	EN 12667
Thermal Conductivity in 400 °C, λ_{400}	0,138 W/mK	EN 12667
Thermal Conductivity in 500 °C, λ_{500}	0,196 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 14303:2009+A1:2013 (EN 1609)

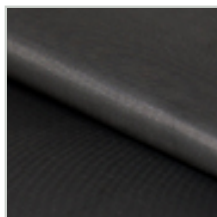
Facings



AluCoat



G1



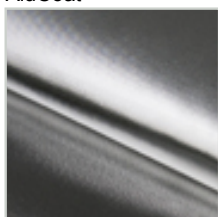
G2



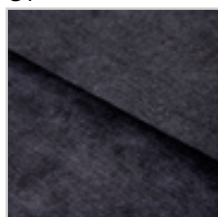
G3



G4



G7



N3



N5

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