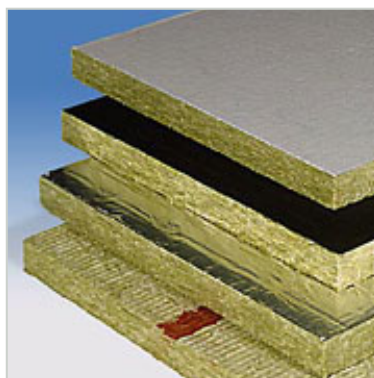
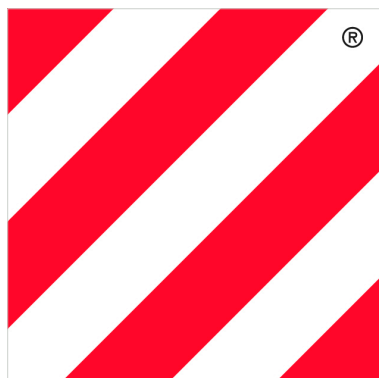


PAROC Marine Fire Slab 100



Certification Number	0809-CPR-1016 / Eurofins Expert Services Ltd, Kivimiehentie 4, FI-02150 Espoo, Finland
Designation Code	MW-EN 14303-T5-WS1
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 VTT Expert Services Ltd. (0809) performed and issued the certificates:
Type-Examination (Module B) certificate No. VTT-C-12280-15-18

Nominal Density	100 kg/m ³
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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.
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Packaging

Package Type	Plastic packs on pallet
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Fire Properties

Reaction to Fire		
Property	Value	According to
Reaction to Fire, Euroclass	A1	EN 14303:2009 (EN 13501-1)

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
Thermal Conductivity in 10 °C, λ_{10}	0,037 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Dimensions and Tolerances	T5	EN 14303:2009+A1:2013

Thermal Conductivity (values announced by manufacturer)

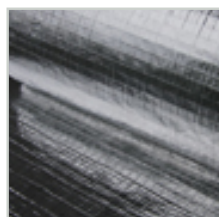
Property	Value	According to
Thermal Conductivity in 50 °C, λ_{50}	0,043 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ_{100}	0,047 W/mK	EN 12667
Thermal Conductivity in 200 °C, λ_{200}	0,065 W/mK	EN 12667
Thermal Conductivity in 300 °C, λ_{300}	0,095 W/mK	EN 12667
Thermal Conductivity in 400 °C, λ_{400}	0,138 W/mK	EN 12667
Thermal Conductivity in 500 °C, λ_{500}	0,196 W/mK	EN 12667

Moisture Properties

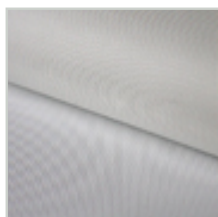
Water Permeability

Property	Value	According to
Water Absorption, Short Term WS, W_p	$\leq 1 \text{ kg/m}^2$	EN 14303:2009+A1:2013 (EN 1609)

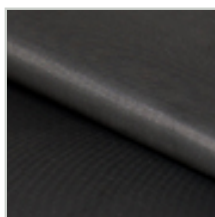
Facings



AluCoat



G1



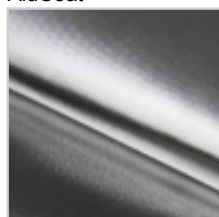
G2



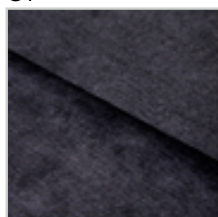
G3



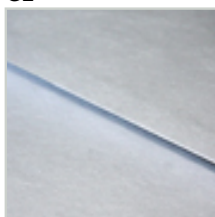
G4



G7



N3



N5

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