

PAROC Marine Wired Mat 80



Certification Number	VTT-C-11348-15-15 / Eurofins Expert Services Ltd, Kivimiehentie 4, FI-02150 Espoo. Finland
Short Description	Stone wool wired mat with galvanized net. Also possible to use with facings AluCoat, G1, G2, G4 and G7. See "Facings".
Application	Fire and thermal insulation on ships.

The notified body VTT Expert Services Ltd. (0809) performed and issued the certificates: Type-Examination (Module B) certificate No.VTT-C-11348-15-15

Nominal Density 80 kg/m³

Maximum service temperature for PAROC Marine Wired Mat 80 is 640°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
Width 500/600/900/1000 mm, length 2000 - 8000 depending on thickness. mm	30 - 120 mm
In accordance with EN 822	In accordance with EN 823

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

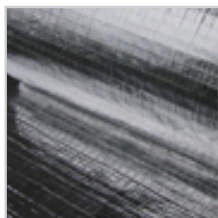
Thermal Properties

Thermal Conductivity (values announced by manufacturer)		
Property	Value	According to
Thermal Conductivity in 10 °C, λ_{10}	0,036 W/mK	EN 12667
Thermal Conductivity in 50 °C, λ_{50}	0,040 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ_{100}	0,046 W/mK	EN 12667
Thermal Conductivity in 200 °C, λ_{200}	0,064 W/mK	EN 12667
Thermal Conductivity in 300 °C, λ_{300}	0,089 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

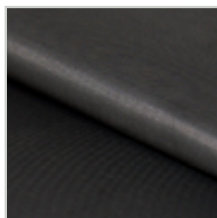
Facings



AluCoat



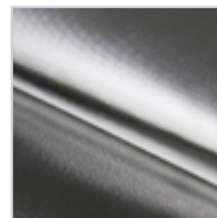
G1



G2



G4



G7

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