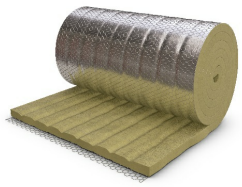
PRODUCT DATASHEET



PAROC Marine Wired Mat 80

Stone wool wired mat with galvanized net. Also possible to use with facings AluCoat, G1, G2, G4 and G7. See "Facings".

Fire and thermal insulation on ships.

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.

Type-Examination (Module B) certificate No. EUFI29-20002520-MED

Nominal Density 80 kg/m³

Package Type Plastic Packs on Pallet

DIMENSIONS	
WIDTH X LENGTH	**THICKNESS**
Width 500/600/900/1000 mm, length 2000 - 8000 depending on thickness. mm	30 - 120 mm
According to EN 822	According to EN 823

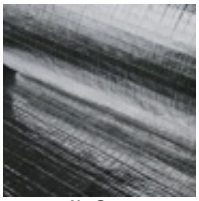
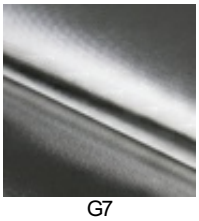
PROPERTY	VALUE	ACCORDING TO
DIMENSIONAL STABILITY		
Maximum Service Temperature - Dimensional Stability	640 °C	EN 14706

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Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Reaction to Fire, Euroclass	A1	EN 13501-1
Continuous Glowing Combustion	NPD	
Fire Classification (IMO)	Non-Combustible	IMO 2010 FTP Code Annex 1 Part 1
THERMAL PROPERTIES		
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 150 °C, λ_{150}	0,054 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
Thermal Conductivity in 400 °C, λ_{400}	0,121 W/mK	EN 12667
Thermal Conductivity in 500 °C, λ_{500}	0,159 W/mK	EN 12667
Thermal Conductivity in 600 °C, λ_{600}	0,204 W/mK	EN 12667
Thermal Conductivity in 640 °C, λ_{640}	0,225 W/mK	EN 12667
MOISTURE PROPERTIES		
Water Absorption Short Term WS, (W_p)	≤ 1 kg/m²	EN 1609

Appearance

FACINGS	
	 AluCoat  G1  G2  G4  G7

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