

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.

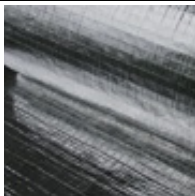
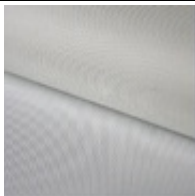
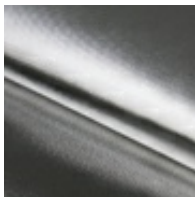
Maximum service temperature for PAROC Marine Wired Mat 80 is 640°C.
PAROC stone wool products are capable of withstanding high temperatures. The binder starts to evaporate when its temperature exceeds approximately 200°C. The insulating properties remain unchanged, but the compressive stress weakens. The softening temperature of stone wool products is over 1000°C.
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

Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Fire Classification (IMO)	Non-Combustible	IMO FTP 2010 Code 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 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 Absorption Short Term WS, (W_p)	$\leq 1 \text{ kg/m}^2$	EN 1609

Appearance

FACINGS				
				
	AluCoat	G1	G2	G4
				
	G7			



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