

PRODUCT DATASHEET



PAROC Marine Mat 100

Stone wool mat. Also possible to use with facing AluCoat. 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. EUFI29-20002518-MED

Nominal Density 100 kg/m³

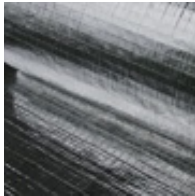

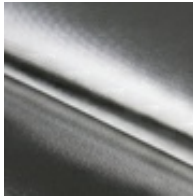
Package Type Plastic packs on pallet.

DIMENSIONS	
WIDTH X LENGTH	THICKNESS
Width 600 or 1000 mm, length 2000 - 8000 mm, depending on thickness	30-100 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}	0,039 W/mK	EN 12667
Thermal Conductivity in 50 °C, λ_{50}	0,042 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ_{100}	0,047 W/mK	EN 12667
Thermal Conductivity in 200 °C, λ_{200}	0,063 W/mK	EN 12667
Thermal Conductivity in 300 °C, λ_{300}	0,083 W/mK	EN 12667
Values announced by the manufacturer.		
MOISTURE PROPERTIES		
Water Absorption Short Term WS, (W_p)	$\leq 1 \text{ kg/m}^2$	EN 1609

Appearance

FACINGS			
	 AluCoat	 G4	 G7



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