PRODUCT DATASHEET

PAROC Marine Mat 80

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 80 kg/m³

Package Type Plastic Packs on Pallet

DIMENSIONS	
WIDTH X LENGTH	**THICKNESS**
500/600/900/1000 x 8000	30 mm
500/600/900/1000 x 6500	40 mm
500/600/900/1000 x 5000	50 mm
500/600/900/1000 x 4000	60 mm
500/600/900/1000 x 3500	70 mm
500/600/900/1000 x 3000	80 mm
500/600/900/1000 x 2000	100 mm
500/600/900/1000 x 2000	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

Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
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
Values announced by the manufacturer.		
MOISTURE PROPERTIES		
Water Absorption, Short Term WS, (W_p)	≤ 1 kg/m²	EN 1609

Appearance

FACINGS	
	 AluCoat  G4  G7

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