

## 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/m<sup>3</sup>

**Package Type**

Plastic Packs on Pallet



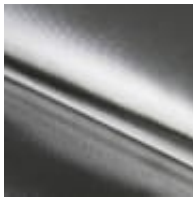
DIMENSIONS	
WIDTH X LENGTH	THICKNESS
500/600/900/1000 x8000	30 mm
500/600/900/1000 x6500	40 mm
500/600/900/1000 x5000	50 mm
500/600/900/1000 x4000	60 mm
500/600/900/1000 x3500	70 mm
500/600/900/1000 x3000	80 mm
500/600/900/1000 x2000	100 mm
500/600/900/1000 x2000	120 mm
According to EN 822	According to EN 823

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

## Properties

PROPERTY	VALUE	ACCORDING TO
<b>FIRE PROPERTIES</b>		
Fire Classification (IMO)	Non-Combustible	IMO 2010 FTP Code Annex 1 Part 1
<b>THERMAL PROPERTIES</b>		
Thermal Conductivity in 10 °C, $\lambda_{10}$	0,036 W/mK	EN 12667
Thermal Conductivity in 50 °C, $\lambda_{50}$	0,040 W/mK	EN 12667
Thermal Conductivity in 100 °C, $\lambda_{100}$	0,046 W/mK	EN 12667
Thermal Conductivity in 150 °C, $\lambda_{150}$	0,054 W/mK	EN 12667
Thermal Conductivity in 200 °C, $\lambda_{200}$	0,064 W/mK	EN 12667
Thermal Conductivity in 300 °C, $\lambda_{300}$	0,089 W/mK	EN 12667
Thermal Conductivity in 400 °C, $\lambda_{400}$	0,121 W/mK	EN 12667
Thermal Conductivity in 500 °C, $\lambda_{500}$	0,159 W/mK	EN 12667
Thermal Conductivity in 600 °C, $\lambda_{600}$	0,204 W/mK	EN 12667
Thermal Conductivity in 640 °C, $\lambda_{640}$	0,225 W/mK	EN 12667
Values announced by the manufacturer.		
<b>MOISTURE PROPERTIES</b>		
Water Absorption, Short Term WS, ( $W_p$ )	$\leq 1 \text{ kg/m}^2$	EN 1609

## Appearance

FACINGS			
	 AluCoat	 G4	 G7



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