

## PRODUCT DATASHEET



### PAROC Marine Mat 100

Stone wool mat. Also possible to use with facing AluCoat. See "Facings".

Fire and thermal insulation on ships.

#### Maximum Service Temperature

550 °C (EN 14303:2009+A1:2013 (EN 14706))

Values announced by the manufacturer.

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/m<sup>3</sup>

#### Package Type

Plastic packs on pallet.



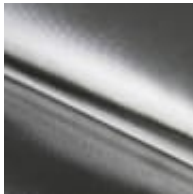
DIMENSIONS	
WIDTH X LENGTH	THICKNESS
500/600/900/1000 x8000	30 mm
500/600/900/1000 x6500	40 mm
500/600/900/1000 x4500	50 mm
500/600/900/1000 x4000	60 mm
500/600/900/1000 x3500	70 mm
500/600/900/1000 x3000	80 mm
500/600/900/1000 x2000	100 mm
500/600/900/1000 x2000	120 mm
According to EN 822	According to EN 823

PROPERTY	VALUE	ACCORDING TO
<b>DIMENSIONAL STABILITY</b>		
Maximum Service Temperature - Dimensional Stability	660 °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, $\lambda_{50}$	0,042 W/mK	EN 12667
Thermal Conductivity in 100 °C, $\lambda_{100}$	0,047 W/mK	EN 12667
Thermal Conductivity in 150 °C, $\lambda_{150}$	0,054 W/mK	EN 12667
Thermal Conductivity in 200 °C, $\lambda_{200}$	0,063 W/mK	EN 12667
Thermal Conductivity in 300 °C, $\lambda_{300}$	0,083 W/mK	EN 12667
Thermal Conductivity in 400 °C, $\lambda_{400}$	0,110 W/mK	EN 12667
Thermal Conductivity in 500 °C, $\lambda_{500}$	0,142 W/mK	EN 12667
Thermal Conductivity in 600 °C, $\lambda_{600}$	0,180 W/mK	EN 12667
Thermal Conductivity in 660 °C, $\lambda_{660}$	0,205 W/mK	EN 12667
Thermal Conductivity in 250 °C, $\lambda_{250}$	0,078 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

<b>FACINGS</b>			
	 AluCoat	 G4	 G7



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