

## PRODUCT DATASHEET

### PAROC Marine Fire Slab 80



Stone wool fire slab. Also possible to use with facings AluCoat, G7, N3 and N5. See "Facings".

Fire protection 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.

MED Type-Examination (Module B) certificate No. 74480/A0 and UK Type-Examination (Module B) certificate no. 74465/A0.

**Nominal Density**  
**Package Type**

80 kg/m<sup>3</sup>  
Plastic packs on pallet


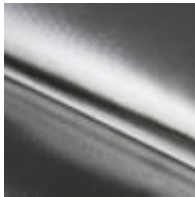


DIMENSIONS	
WIDTH X LENGTH	THICKNESS
600 x 1200 mm	25 - 100 mm
According to EN 822	According to EN 823
Other Dimensions: Other dimensions available on request.	

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, $\lambda_{10}$	0,035 W/mK	EN 12667
Thermal Conductivity in 50 °C, $\lambda_{50}$	0,039 W/mK	EN 12667
Thermal Conductivity in 100 °C, $\lambda_{100}$	0,045 W/mK	EN 12667
Thermal Conductivity in 150 °C, $\lambda_{150}$	0,053 W/mK	EN 12667
Thermal Conductivity in 200 °C, $\lambda_{200}$	0,062 W/mK	EN 12667
Thermal Conductivity in 300 °C, $\lambda_{300}$	0,084 W/mK	EN 12667
Thermal Conductivity in 400 °C, $\lambda_{400}$	0,112 W/mK	EN 12667
Thermal Conductivity in 500 °C, $\lambda_{500}$	0,144 W/mK	EN 12667
Thermal Conductivity in 600 °C, $\lambda_{600}$	0,185 W/mK	EN 12667
Thermal Conductivity in 640 °C, $\lambda_{640}$	0,203 W/mK	EN 12667
<b>MOISTURE PROPERTIES</b>		
Water Absorption, Short Term WS, ( $W_p$ )	$\leq 1 \text{ kg/m}^2$	EN 1609

## Appearance

FACINGS				
				
	AluCoat	G7	N3	N5



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