

PRODUCT DATASHEET

PAROC Marine Slab 80



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

General insulation on ships.

Maximum service temperature for PAROC Marine Slab 80 is 550°C.

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.

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

Nominal Density
Package Type

80 kg/m³


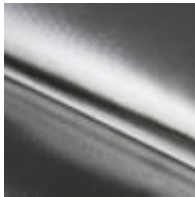


Plastic packs on pallet

DIMENSIONS		
WIDTH X LENGTH	THICKNESS	
600 x 1200 mm	30 - 180 mm	
According to EN 822	According to EN 823	
Other Dimensions: Other dimensions available on request.		
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}	0,035 W/mK	EN 12667
Thermal Conductivity in 50 °C, λ_{50}	0,039 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ_{100}	0,045 W/mK	EN 12667
Thermal Conductivity in 150 °C, λ_{150}	0,053 W/mK	EN 12667
Thermal Conductivity in 200 °C, λ_{200}	0,062 W/mK	EN 12667
Thermal Conductivity in 300 °C, λ_{300}	0,084 W/mK	EN 12667
Thermal Conductivity in 400 °C, λ_{400}	0,112 W/mK	EN 12667
Thermal Conductivity in 500 °C, λ_{500}	0,144 W/mK	EN 12667
Thermal Conductivity in 600 °C, λ_{600}	0,185 W/mK	EN 12667
Thermal Conductivity in 640 °C, λ_{640}	0,203 W/mK	EN 12667
MOISTURE PROPERTIES		
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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