

PRODUCT DATASHEET

PAROC Marine Fire Slab 100



Stone wool fire slab. Also possible to use with facings AluCoat, G1, G2, G3, G4, G7, N3 and N5. See "Facings".
Fire protection on ships.

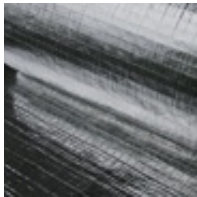
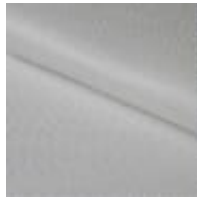
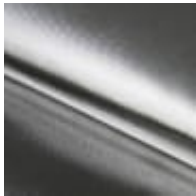
PAROC stone wool products are capable of withstanding high temperatures. The binder starts to evaporate when its temperature exceeds approximately 200°C. The insulating properties remain unchanged, but the compressive stress weakens. The softening temperature of stone wool products is over 1000°C.
MED Type-Examination (Module B) certificate No. 74480/A0 and UK Type-Examination (Module B) certificate no. 74465/A0.
Nominal Density 100 kg/m³
Package Type 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
DIMENSIONAL STABILITY		
Maximum Service Temperature - Dimensional Stability	660°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}	0,052 W/mK	EN 12667
Thermal Conductivity in 200 °C, λ_{200}	0,060 W/mK	EN 12667
Thermal Conductivity in 300 °C, λ_{300}	0,081 W/mK	EN 12667
Thermal Conductivity in 400 °C, λ_{400}	0,107 W/mK	EN 12667
Thermal Conductivity in 500 °C, λ_{500}	0,140 W/mK	EN 12667
Thermal Conductivity in 600 °C, λ_{600}	0,175 W/mK	EN 12667
Thermal Conductivity in 660 °C, λ_{660}	0,200 W/mK	EN 12667
MOISTURE PROPERTIES		
Water Absorption, Short Term WS, (W_p)	$\leq 1 \text{ kg/m}^2$	EN 1609

Appearance

FACINGS				
				
	AluCoat	G1	G2	G3
				
	G4	G7	N3	N5



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