

PRODUCT DATASHEET



PAROC Marine Floor Slab 140

Stone wool slab

Stone wool slab for floating floors 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. EUFI29-20002519-MED

Nominal Density

140 kg/m³

Package Type

Plastic packs on pallet

DIMENSIONS	
WIDTH X LENGTH	THICKNESS
600 x 1200 mm	30 - 100 mm
According to EN 822	According to EN 823
Other Dimensions: Other dimensions available on request.	

Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Fire Classification (IMO)	Non-Combustible	IMO FTP 2010 Code Part 1
THERMAL PROPERTIES		
Thermal Conductivity in 10 °C, λ_{10}	0,036 W/mK	EN 12667
Thermal Conductivity in 50 °C, λ_{50}	0,042 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ_{100}	0,046 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}	0,110 W/mK	EN 12667
Thermal Conductivity in 500 °C, λ_{500}	0,147 W/mK	EN 12667
Thermal Conductivity in 600 °C, λ_{600}	0,192 W/mK	EN 12667
MOISTURE PROPERTIES		
Water Absorption Short Term W_S , (W_p)	$\leq 1 \text{ kg/m}^2$	EN 1609
MECHANICAL PROPERTIES		
Compressive Stress at 10 % deformation $CS(10)$, σ_{10}	≥ 20	EN 826



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