

PAROC Marine Mat 80



Short Description

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

Application

Fire and thermal insulation on ships.

The notified body Eurofins Expert Services Ltd. (0809) performed and issued the certificates: Type-Examination (Module B) certificate No. EUFI29-20002518-MED

Nominal Density

80 kg/m³

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.

Dimensions

Dimensions	
Width x Length	Thickness
Width 600 or 1000 mm, length 2000 - 8000 mm, depending on thickness	30 - 100 mm
In accordance with EN 822	In accordance with EN 823

Packaging

Package Type

Plastic Packs on Pallet

Fire Properties

Other Fire Properties		
Property	Value	According to
Fire Classification (IMO)	Non-Combustible	IMO FTP 2010 Code Part 1

Thermal Properties

Thermal Conductivity (values announced by manufacturer)		
Property	Value	According to
Thermal Conductivity in 10 °C, λ ₁₀	0,036 W/mK	EN 12667
Thermal Conductivity in 50 °C, λ ₅₀	0,040 W/mK	EN 12667
Thermal Conductivity in 100 °C, λ ₁₀₀	0,046 W/mK	EN 12667

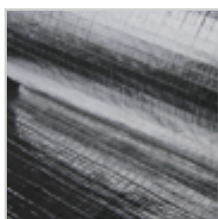
Thermal Conductivity in 200 °C, λ_{200}	0,064 W/mK	EN 12667
Thermal Conductivity in 300 °C, λ_{300}	0,089 W/mK	EN 12667

Values announced by the manufacturer.

Moisture Properties

Property	Value	According to
Water Absorption Short Term WS, W_p	$\leq 1 \text{ kg/m}^2$	EN 1609

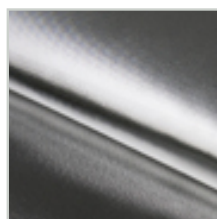
Facings



AluCoat



G4



G7

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