

PAROC Marine Wired Mat 100 G1



Short Description

Stone wool wired mat with a white glass fibre cloth facing

Application / Marine

Fire insulation on ships.

Technical Properties

Nominal Density

100 kg/m³

Maximum Operating Temperature

750 °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.

Dimensions

Width x Length

width x 2000 - 6000 mm

Thickness

30-120 mm

Other Dimensions

Other dimensions subject to enquiry.

Thermal Properties

Thermal Conductivity in 10 °C, λ_{10} 0.034 W/mK

Thermal Conductivity in 50 °C, λ_{50} 0.039 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.046 W/mK

Thermal Conductivity in 150 °C, λ_{150} 0.055 W/mK

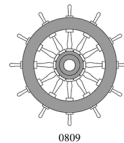
Thermal Conductivity in 200 °C, λ_{200} 0.065 W/mK

Thermal Conductivity in 300 °C, λ_{300} 0.090 W/mK

Thermal Conductivity in 400 °C, λ_{400} 0.122 W/mK

Thermal Conductivity in 500 °C, λ_{500} 0.160 W/mK

Values announced by the manufacturer.



Tolerances according to SFS 5454.

Packaging

Plastic

Package on Request

Pallet

Fire Properties

Marine Fire Classification

Non-Combustible

Surface Flammability (Marine)

Low flame-spread

In accordance with

IMO FTP Code Part 1

In accordance with

IMO FTP Code Part 2 and 5



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