

PAROC Marine Wired Mat 80 G1



Short Description

Stone wool wired mat with a white glass fibre cloth facing.

Application / Marine

Fire insulation on ships.

Technical Properties

Nominal Density

80 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 mm

50 mm

Other Dimensions

Other dimensions subject to enquiry.

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

Thermal Properties

Thermal Conductivity in 10 °C, λ_{10} 0.035 W/mK

Thermal Conductivity in 50 °C, λ_{50} 0.040 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.047 W/mK

Thermal Conductivity in 150 °C, λ_{150} 0.056 W/mK

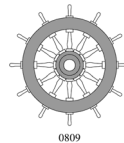
Thermal Conductivity in 200 °C, λ_{200} 0.067 W/mK

Thermal Conductivity in 300 °C, λ_{300} 0.093 W/mK

Thermal Conductivity in 400 °C, λ_{400} 0.127 W/mK

Thermal Conductivity in 500 °C, λ_{500} 0.167 W/mK

Values announced by manufacturer.



PAROC OY AB, P.O. Box 47 (Läkkisepäntie 23), FI-00621 Helsinki Finland, Tel. +358 46 876 8000, Fax +358 46 876 8002, www.paroc.com

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