

PAROC Marine Wired Mat 80 AluCoat



Short Description

Stone wool wired mat with reinforced aluminium foil facing.

Application / Marine

Fire and thermal insulation on ships.

Technical Properties

Nominal Density

80 kg/m³

Maximum Operating Temperature

250 °C

Surface temperature of the facing must not exceed 80°C (temperature restriction determined in accordance with heat resistance adhesive).

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

40 - 120 mm

Other Dimensions

Width can be 500, 600, 900 or 1000 mm depending on the supplying factory.

Tolerances according to SFS 5454.

Packaging

Plastic Packs on Pallet

Pallet Size

1200x1800

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

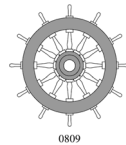
Thermal Conductivity in 50 °C, λ_{50} 0.040 W/mK

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

Values announced by manufacturer.



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