

PAROC Mat 35 AluCoat



Short Description

Stone wool mat with reinforced aluminium foil facing.

Application

Thermal insulation.

Technical Properties

Nominal Density

35 kg/m³

Maximum Operating Temperature

250 °C

The surface temperature of the facing must not exceed +80°C (temperature restriction determined in accordance with the heat resistance of 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

900x8000 mm
900x7250 mm
900x5560 mm
900x4450 mm

Thickness

30 mm
50 mm
80 mm
100 mm

Packaging

Package Type

Plastic

Package on Request

Pallet

Pallet Size

1200x1200

Fire Properties

Reaction to Fire, Euroclass

A2 - s1, d0

Marine Fire Classification

Non-Combustible

Surface Flammability (Marine)

Surface flammability

In accordance with

EN 13501-1

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} 0.034 W/mK

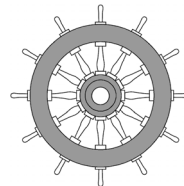
Thermal Conductivity in 50 °C, λ_{50} 0.039 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.050 W/mK

Thermal Conductivity in 150 °C, λ_{150} 0.064 W/mK

Thermal Conductivity in 200 °C, λ_{200} 0.083 W/mK

Values announced by manufacturer.



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Warranty: Our recommendations are based on our most up-to-date knowledge and experience. As the products are used outside our control we cannot take responsibility for any damage which may be caused when using the product. This product data sheet replaces all earlier ones. Because of constant development all information is subject to change without notice.