

PAROC Marine Slab 40 AluCoat



Short Description

Stone wool slab with a reinforced aluminium foil facing

Application / Marine

Thermal insulation on ships.

Technical Properties

Nominal Density

40 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
600x1200 mm

Thickness
50-100 mm

Other Dimensions

Other dimensions subject to special agreement.

Tolerances according to SFS 5454.

Packaging

Pallet with hood

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} 0.034 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.048 W/mK

Thermal Conductivity in 200 °C, λ_{200} 0.076 W/mK

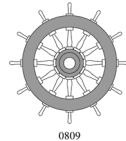
Values announced by the manufacturer.

Mechanical Properties

Compressive Stress at 10 % deformation (Declared), CS(10), In accordance with (σ_{10})

≥1 kPa

EN 826



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