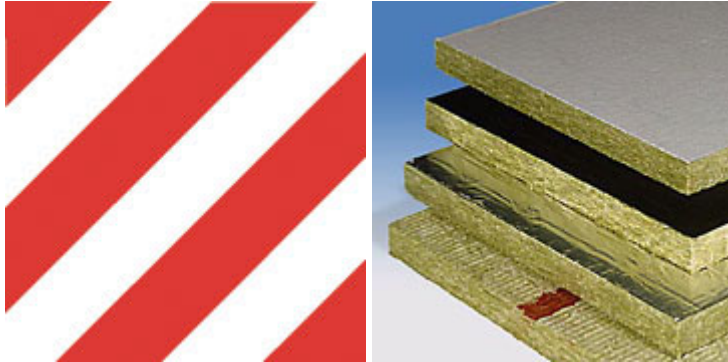


PAROC Marine Fire Slab 100 G1



Short Description

Stone wool fire slab with a white glass fibre cloth facing

Application / Marine

Fire protection on ships.

Technical Properties

Nominal Density

100 kg/m³

Maximum Operating Temperature

350 °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

600x1200 mm

Other Dimensions

Other dimensions subject to enquiry.

Thickness

25-100 mm

Thermal Properties

Thermal Conductivity in 10 °C, λ_{10} 0.033 W/mK

Thermal Conductivity in 50 °C, λ_{50} 0.038 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.045 W/mK

Thermal Conductivity in 150 °C, λ_{150} 0.053 W/mK

Thermal Conductivity in 200 °C, λ_{200} 0.063 W/mK

Thermal Conductivity in 300 °C, λ_{300} 0.088 W/mK

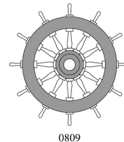
Values announced by the manufacturer.

Mechanical Properties

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

≥10 kPa

EN 826



Tolerances according to SFS 5454.

Packaging

Pallet with hood

Fire Properties

Marine Fire Classification

Non-Combustible

In accordance with

IMO FTP Code Part 1

Surface Flammability (Marine)

Low flame-spread

In accordance with

IMO FTP Code Part 2 and 5



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