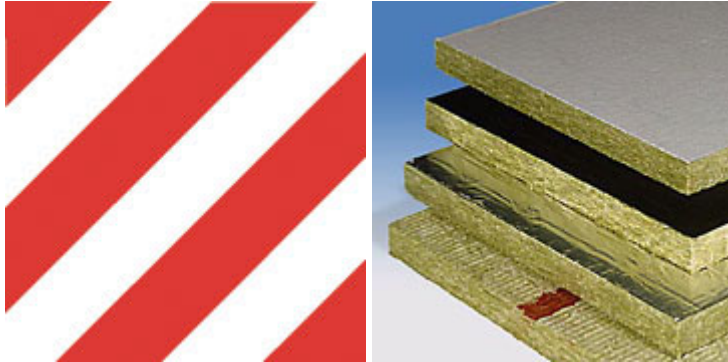


PAROC Marine Fire Slab 150



Short Description

Stone wool fire slab. Also possible to use with facings AluCoat, G1, G2, G3, G4, G7, N3 and N5. See "Facings".

Application / Marine

Fire protection on ships.

Technical Properties

Nominal Density

150 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

600x1200 mm

Thickness

20-60 mm

Other Dimensions

Other dimensions subject to enquiry.

Tolerances according to SFS 5454.

Packaging

Plastic

Fire Properties

Marine Fire Classification

Non-Combustible

In accordance with

IMO FTP Code Part 1

Thermal Properties

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

Thermal Conductivity in 50 °C, λ_{50} 0.036 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.040 W/mK

Thermal Conductivity in 150 °C, λ_{150} 0.046 W/mK

Thermal Conductivity in 200 °C, λ_{200} 0.053 W/mK

Thermal Conductivity in 300 °C, λ_{300} 0.072 W/mK

Thermal Conductivity in 400 °C, λ_{400} 0.097 W/mK

Thermal Conductivity in 500 °C, λ_{500} 0.129 W/mK

Values announced by the manufacturer.

Mechanical Properties

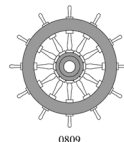
Compressive Stress at 10 % deformation (Declared), CS(10), In accordance with (σ_{10})

≥20 kPa

EN 826

Moisture Properties

Complies with the requirements set by BS 2972.



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