

PAROC Marine Slab 160



Short Description

Stone wool slab. Also possible to use with facings AluCoat, G1, G2, G3, G4, G7, N3 and N5. See "Facings". Available also cut into lamellas, ground or sawn to measure.

Application / Marine

Fire protection on ship equipment.

Technical Properties

Nominal Density

160 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

900x1800 mm

Other Dimensions

Other dimensions subject to special agreement.

Thickness

50-70 mm

50 mm

Thermal Properties

Thermal Conductivity in 10 °C, λ_{10} 0.034 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} 0.045 W/mK

Thermal Conductivity in 200 °C, λ_{200} 0.052 W/mK

Thermal Conductivity in 300 °C, λ_{300} 0.070 W/mK

Thermal Conductivity in 400 °C, λ_{400} 0.094 W/mK

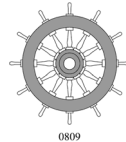
Values announced by the manufacturer.

Mechanical Properties

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

≥40 kPa

EN 826



Tolerances according to SFS 5454.

Packaging

Pallet

Fire Properties

Marine Fire Classification

Non-Combustible

In accordance with

IMO FTP Code Part 1



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