

PAROC Marine Slab 80



Short Description

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

Application / Marine

General insulation on ships.

Technical Properties

Nominal Density

80 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

Thickness

30-180 mm

Thermal Properties

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

Thermal Conductivity in 100 °C, λ_{100} 0.046 W/mK

Thermal Conductivity in 200 °C, λ_{200} 0.065 W/mK

Thermal Conductivity in 300 °C, λ_{300} 0.090 W/mK

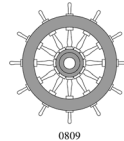
Values announced by the manufacturer.

Mechanical Properties

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

≥10 kPa

EN 826



Tolerances according to SFS 5454.

Fire Properties

Marine Fire Classification

Non-Combustible

In accordance with

IMO FTP Code Part 1



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