

# PAROC Marine Slab 180



## 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

180 kg/m<sup>3</sup>

### 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.

Tolerances according to SFS 5454.

## Packaging

Plastic

## Package on Request

Pallet

## Fire Properties

### Marine Fire Classification

Non-combustible

### In accordance with

IMO FTP Code Part 1

## Thermal Properties

**Thermal Conductivity in 10 °C,  $\lambda_{10}$**  0.034 W/mK

**Thermal Conductivity in 100 °C,  $\lambda_{100}$**  0.040 W/mK

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.052 W/mK

**Thermal Conductivity in 300 °C,  $\lambda_{300}$**  0.070 W/mK

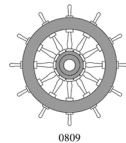
Values announced by the manufacturer.

## Mechanical Properties

**Compressive Stress at 10 % deformation (Declared), CS(10), In accordance with ( $\sigma_{10}$ )**

≥50 kPa

EN 826



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