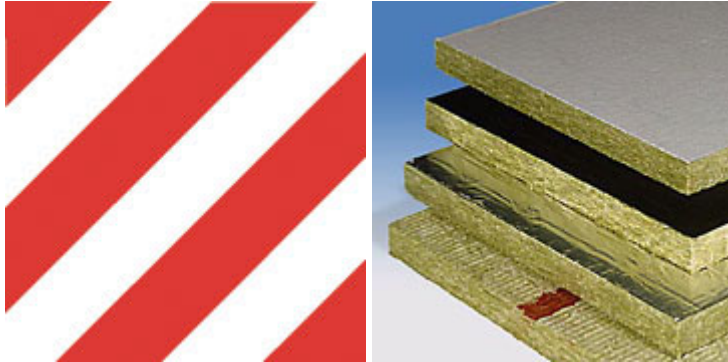


# PAROC Marine Fire Slab 110



## 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 for ducts and constructions on ships.

## Technical Properties

### Nominal Density

110 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.

## Dimensions

### Width x Length

600x1200 mm

### Other Dimensions

Other dimensions subject to enquiry.

### Thickness

25-100 mm

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,  $\lambda_{10}$**  0.033 W/mK

**Thermal Conductivity in 50 °C,  $\lambda_{50}$**  0.038 W/mK

**Thermal Conductivity in 100 °C,  $\lambda_{100}$**  0.045 W/mK

**Thermal Conductivity in 150 °C,  $\lambda_{150}$**  0.053 W/mK

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.063 W/mK

**Thermal Conductivity in 300 °C,  $\lambda_{300}$**  0.087 W/mK

**Thermal Conductivity in 400 °C,  $\lambda_{400}$**  0.117 W/mK

**Thermal Conductivity in 500 °C,  $\lambda_{500}$**  0.152 W/mK

Values announced by the manufacturer.

## Mechanical Properties

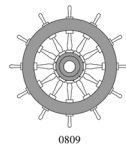
**Compressive Stress at 10 % deformation (Declared), CS(10), In accordance with ( $\sigma_{10}$ )**

≥10 kPa

EN 826

## Moisture Properties

Complies with the requirements set by BS 2972.



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