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# PAROC Marine Floor Slab 140



## Short Description

Stone wool slab

## Application / Marine

Stone wool slab for floating floors on ships.

## Technical Properties

### Nominal Density

140 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

30-100 mm

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

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

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.053 W/mK

**Thermal Conductivity in 300 °C,  $\lambda_{300}$**  0.072 W/mK

**Thermal Conductivity in 400 °C,  $\lambda_{400}$**  0.097 W/mK

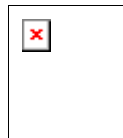
Values announced by the manufacturer.

## Mechanical Properties

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

≥20 kPa

EN 826



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