

# PAROC Marine Slab 220



## Short Description

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

## Application / Marine

Fire protection on ship equipment.

## Technical Properties

### Nominal Density

220 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

450x1800-2400 mm

600x1800-2400 mm

900x1800-2400 mm

Other Dimensions

Other dimensions subject to special agreement.

### Thickness

10-25 mm

10-25 mm

10-25 mm

## Thermal Properties

**Thermal Conductivity in 10 °C,  $\lambda_{10}$**  0.035 W/mK

**Thermal Conductivity in 100 °C,  $\lambda_{100}$**  0.041 W/mK

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.051 W/mK

**Thermal Conductivity in 300 °C,  $\lambda_{300}$**  0.068 W/mK

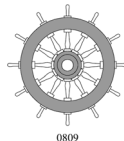
Values announced by the manufacturer.

## Mechanical Properties

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

≥60 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



PAROC OY AB, P.O. Box 47 (Läkkisepäntie 23), FI-00621 Helsinki Finland, Tel. +358 46 876 8000, Fax +358 46 876 8002, www.paroc.com

The information in this data sheet represents the sole and comprehensive description of the condition of the product and its technical properties. However, the content of this data sheet does not mean granting a commercial guarantee. In so far as the product is used in an area of use which is not provided for in this data sheet, we cannot warrant its suitability for said area of use unless the suitability was expressly confirmed by us upon request. This data sheet replaces all previous ones. As a result of constant further development of our products we reserve the right to make alterations to data sheets. PAROC and red and white stripes are registered trade marks of Paroc Oy Ab. © Paroc Group 2009.