

# PAROC Marine Slab 40 N5



## Short Description

Stone wool slab with a grey glass fibre non-woven tissue.

## Application / Marine

Thermal insulation on ships.

## Technical Properties

### Nominal Density

40 kg/m<sup>3</sup>

### Maximum Operating Temperature

250 °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**  
50-100 mm

## Thermal Properties

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

**Thermal Conductivity in 100 °C,  $\lambda_{100}$**  0.048 W/mK

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.076 W/mK

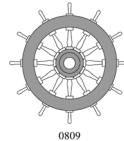
Values announced by the manufacturer.

## Mechanical Properties

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

≥1 kPa

EN 826



## Packaging

Pallet with hood

## Fire Properties

### Marine Fire Classification

Non-Combustible

### Surface Flammability (Marine)

Low flame-spread

### In accordance with

IMO FTP Code Part 1

### In accordance with

IMO FTP Code Part 2 and 5



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