

# PAROC Marine Mat 35 AluCoat



## Short Description

Stone wool mat with reinforced aluminium foil facing.

## Application / Marine

Thermal insulation.

## Technical Properties

### Nominal Density

35 kg/m<sup>3</sup>

### Maximum Operating Temperature

250 °C

Surface temperature of the facing must not exceed +80°C (temperature restriction determined in accordance with heat resistance of adhesive).

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

900 x 7250 mm  
900 x 5560 mm  
900 x 4450 mm

### Thickness

50 mm  
80 mm  
100 mm

## Packaging

Plastic

### Package on Request

Pallet

### Single Package Size

1200x1200

## 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

## Thermal Properties

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

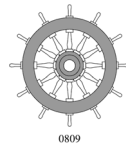
**Thermal Conductivity in 50 °C,  $\lambda_{50}$**  0.039 W/mK

**Thermal Conductivity in 100 °C,  $\lambda_{100}$**  0.050 W/mK

**Thermal Conductivity in 150 °C,  $\lambda_{150}$**  0.064 W/mK

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.083 W/mK

Values announced by manufacturer.



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