

# PAROC Section AluCoat



## Short Description

Stone wool pipe section with reinforced aluminium foil facing.

## Application

Thermal and condensation insulation of HVAC pipework and air ducts.

## Application / Marine

Stone wool pipe section with reinforced aluminium foil facing.

## Technical Properties

### Maximum Operating Temperature

250 °C

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

### Thickness

20-100 mm

### Pipe Section Length

1200 mm

### Inner Diameter

12-273 mm

## Packaging

### Package Type

Carton on Pallet, Plastic on Pallet

### Single Package Size

Carton 300x400x1200mm

### Pallet Size

1200X1200mm

## Fire Properties

### Reaction to Fire, Euroclass

A2<sub>L</sub> - s1, d0

### Combustibility

Base product non-combustible

### Marine Fire Classification

Non-combustible

### Surface Flammability (Marine)

Surface flammability

### In accordance with

EN 13501-1

### In accordance with

EN ISO 1182

### In accordance with

IMO FTP Code Part 1

### In accordance with

IMO FTPC Code Part 2 and 5

## Thermal Properties

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

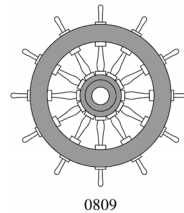
**Thermal Conductivity in 50 °C,  $\lambda_{50}$**  0.037 W/mK

**Thermal Conductivity in 100 °C,  $\lambda_{100}$**  0.042 W/mK

**Thermal Conductivity in 150 °C,  $\lambda_{150}$**  0.049 W/mK

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.059 W/mK

Values announced by manufacturer.



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Warranty: Our recommendations are based on our most up-to-date knowledge and experience. As the products are used outside our control we cannot take responsibility for any damage which may be caused when using the product. This product data sheet replaces all earlier ones. Because of constant development all information is subject to change without notice.