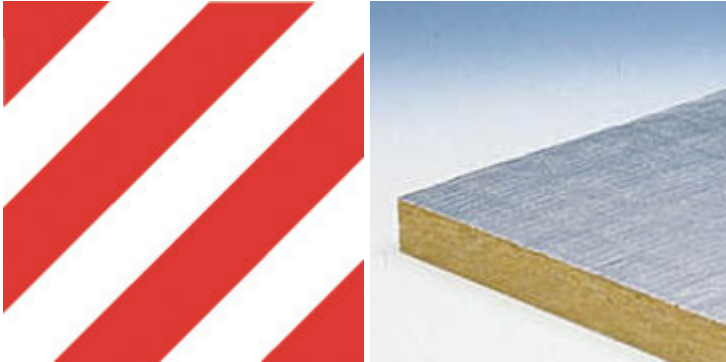


# PAROC Fire Slab 80 AluCoat



## Short Description

Stone wool slab with aluminium facing for fire insulation constructions.

## Application

Fire protection of rectangular ventilation ducts and chambers.

## Technical Properties

### Nominal Density

80 kg/m<sup>3</sup>

The surface temperature of the facing must not exceed +80°C (temperature restriction determined in accordance with the 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

600 x 1200 mm

#### Thickness

50-100 mm

#### Other Dimensions

Other dimensions subject to enquiry.

## Packaging

### Package Type

Plastic

### Package on Request

Obtainable also on pallets

### Pallet Size

1200x1800

## Fire Properties

### Reaction to Fire, Euroclass

A2 - s1, d0

### In accordance with

EN 13501-1

### Fire Classification (Additional)

Fire insulation of air ducts and equipments

### Combustibility

Base product non-combustible

### In accordance with

EN ISO 1182

## Thermal Properties

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

**Thermal Conductivity in 50 °C,  $\lambda_{50}$**  0.038 W/mK

**Thermal Conductivity in 100 °C,  $\lambda_{100}$**  0.046 W/mK

**Thermal Conductivity in 150 °C,  $\lambda_{150}$**  0.054 W/mK

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.065 W/mK

**Thermal Conductivity in 300 °C,  $\lambda_{300}$**  0.090 W/mK

**Thermal Conductivity in 400 °C,  $\lambda_{400}$**  0.123 W/mK

**Thermal Conductivity in 500 °C,  $\lambda_{500}$**  0.162 W/mK

Values announced by manufacturer.

## Mechanical Properties

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

≥7 kPa

EN 826



PAROC OY AB, Technical Insulation, PO BOX 294, FI-01301 Vantaa, Tel. +358 46 876 8000, Fax +358 46 876 8003, www.paroc.com

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.