

# PAROC InVent 100 N1



## Short Description

Stone wool slab with grey glass fibre felt facing.

## Application

Thermal and acoustical insulation of air conditioning machines etc.

## Technical Properties

### Nominal Density

100 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 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

900x1800 mm

### Thickness

15-100 mm

### Other Dimensions

Other dimensions subject to enquiry.

## Packaging

### Package Type

Pallet

### Package on Request

Plastic foil

### Single Package Size

600x1200mm

### Pallet Size

1200x1800mm

## Fire Properties

### Reaction to Fire, Euroclass

A2 - s1, d0

### In accordance with

EN 13501-1

## 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,  $\lambda_{100}$**  0.045 W/mK

**Thermal Conductivity in 150 °C,  $\lambda_{150}$**  0.053 W/mK

**Thermal Conductivity in 200 °C,  $\lambda_{200}$**  0.063 W/mK

**Thermal Conductivity in 300 °C,  $\lambda_{300}$**  0.087 W/mK

Values announced by manufacturer.

## Mechanical Properties

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

≥ 10 kPa

EN 826



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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 prod  
This product data sheet replaces all earlier ones. Because of constant development all information is subject to change without notice.