

PAROC Lamella Mat 35 AluCoat



Short Description

Stone wool lamella mat with reinforced aluminium foil facing.

Application

Thermal and condensation insulation of air ducts and other ventilation ducts and equipment.

Technical Properties

Nominal Density

35 kg/m³

Maximum Operating Temperature

250 °C

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

Width 1000 and 500 mm, varies by factory. Length 2500 - 10000 mm depending on thickness. mm

Thickness

20 - 100 mm mm

Packaging

Package Type

Plastic

Package on Request

Pallet

Fire Properties

Reaction to Fire, Euroclass

A2 - s1, d0

Marine Fire Classification

Non-combustible

Surface Flammability (Marine)

Low flame-spread

In accordance with

EN 13501-1

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, λ_{10} 0.039 W/mK

Thermal Conductivity in 50 °C, λ_{50} 0.044 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.053 W/mK

Values announced by the 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.