

PAROC Section AluCoat T



Short Description

Stone wool pipe section with reinforced aluminium foil facing. Tape fastening on the longitudinal seam.

Application

Thermal and condensation insulation of pipework and air ducts.

Application / Marine

Stone wool pipe section with reinforced aluminium foil facing. Tape fastening on the longitudinal seam.

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 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

Thickness

20-100 mm

Pipe Section Length

1200 mm

Inner Diameter

12-273 mm

Packaging

Carton on Pallet, Plastic on Pallet

Single Package Size

Carton 300x400x1200mm

Pallet Size

1200x1200mm

Fire Properties

Reaction to Fire, Euroclass

A2_L - s1, d0

Fire Classification

Non-combustible

Fire Classification (Surface)

Class 0

Marine Fire Classification

Non-combustible

Surface Flammability (Marine)

Surface flammability

In accordance with

EN 13501-1

In accordance with

BS 476 Part 4

In accordance with

BS 476 Part 6 and 7

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} 0.034 W/mK

Thermal Conductivity in 50 °C, λ_{50} 0.037 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.042 W/mK

Thermal Conductivity in 150 °C, λ_{150} 0.049 W/mK

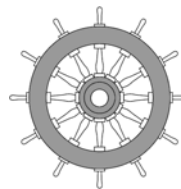
Thermal Conductivity in 200 °C, λ_{200} 0.059 W/mK

Values announced by manufacturer.

Other Information

PAROC Section AluCoat T can be used to satisfy the requirements as given in the tables for insulation thickness in BS5422:2009.

Paroc can offer help and assistance to customers to confirm that the insulation systems proposed do in fact, achieve the necessary performance criteria. PAROC Section AluCoat T conforms to BS3958-4.



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