

PAROC Section Bend



Short Description

Prefabricated insulation component made of stone wool.

Application

Fire and thermal insulation of pipe elbows.

Technical Properties

Maximum Operating Temperature

750 °C

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

50-100 mm

Pipe Section Length

Depending on dimensions
mm

Inner Diameter

22-114 mm

Other Dimensions

Standard radius of the curve
is 1.5 x outer diameter of
pipe. Other dimensions
available on request.

Packaging

Package Type

Cartons on Pallet

Single Package Size

310x610x1210 mm

Pallet Size

1200x1200 mm

Fire Properties

Reaction to Fire, Euroclass

A1_L

In accordance with

EN 13501-1

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

Thermal Conductivity in 300 °C, λ_{300} 0.083 W/mK

Thermal Conductivity in 400 °C, λ_{400} 0.116 W/mK

Thermal Conductivity in 500 °C, λ_{500} 0.157 W/mK

Values announced by manufacturer.

Moisture Properties

Complies with the requirements set by BS 2972.



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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.