

PAROC Chimney Section



Short Description

Stone wool pipe section

Application

Fire and thermal insulation of chimneys.

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.

According to customer specifications.

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.



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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
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