

PAROC Pro Lock WR 140

(PAROC Lock 140 WR)



Short Description

Water repellent stone wool pipe section with a z-joint on the longitudinal and circumferential seams.

Application

Insulation of industrial pipework in high temperatures.

Technical Properties

Nominal Density

140 kg/m³

Maximum Service 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

80-160 mm

Pipe Section Length

1200/1000 mm

Inner Diameter

219-914 mm

Other Dimensions

.

Packaging

Carton on Pallet, Plastic on Pallet

Single Package Size

Carton 300x400x1200mm

Pallet Size

1200x1200mm

Fire Properties

Reaction to Fire, Euroclass

A1L

In accordance with

EN 13501-1

Thermal Properties

Thermal Conductivity in 10 °C, λ_{10} 0.037 W/mK

Thermal Conductivity in 50 °C, λ_{50} 0.039 W/mK

Thermal Conductivity in 100 °C, λ_{100} 0.043 W/mK

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

Thermal Conductivity in 200 °C, λ_{200} 0.057 W/mK

Thermal Conductivity in 300 °C, λ_{300} 0.077 W/mK

Thermal Conductivity in 400 °C, λ_{400} 0.104 W/mK

Thermal Conductivity in 500 °C, λ_{500} 0.138 W/mK

Values announced by manufacturer.

Moisture Properties

Complies with the requirements set by BS 2972 Part 12 (even after preheated up to 250 °C).

Other Information

PAROC Lock WR 140 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 Lock 140 WR conforms to BS3958-4.



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