

PAROC Pro Wired Mat 130

(PAROC Wired Mat 130)



Short Description

Stone wool mat with galvanized steel net. Product is available also with stainless steel net (product name PAROC Wired Mat 130, W2)

Application

Thermal insulation for higher temperature applications and sound absorption of industrial valves and equipments.

Technical Properties

Nominal Density

130 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

Width x Length

width x 2000-8000 mm

Other Dimensions

Width can be 500, 900 or 1000 mm depending on the supplying factory.

Thickness

30-100 mm

Packaging

Plastic

Package on Request

Pallet

Fire Properties

Reaction to Fire, Euroclass
A1

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}	0.048 W/mK
Thermal Conductivity in 200 °C, λ_{200}	0.055 W/mK
Thermal Conductivity in 300 °C, λ_{300}	0.075 W/mK
Thermal Conductivity in 400 °C, λ_{400}	0.102 W/mK
Thermal Conductivity in 500 °C, λ_{500}	0.134 W/mK

Values announced by manufacturer.

Moisture Properties

Complies with the requirements set by BS 2972 Part 12.

Other Information

PAROC Wired Mat 130 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 Wired Mat 130 conforms to BS3958-3.



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