

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. The old name of this product is PAROC Wired Mat 130VM.

Dimensions

Width x Length

*) mm

Thickness

30-100 mm

Other dimensions

*) 500/900/1000 x length varies according thickness
Width can be 500, 900 or 1000 mm depending on the supplying factory.

Packaging

Plastic

Package, on request

Pallet

Technical Properties

Nominal Density

130 kg/m³

Fire Classification

Non-Combustible

In accordance with

EN ISO 1182

Service Temperature, maximum

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.

Thermal Conductivity

10°C, λ₁₀	0.034 W/mK
50°C, λ₅₀	0.037 W/mK
100°C, λ₁₀₀	0.042 W/mK
150°C, λ₁₅₀	0.048 W/mK
200°C, λ₂₀₀	0.055 W/mK
300°C, λ₃₀₀	0.075 W/mK
400°C, λ₄₀₀	0.102 W/mK
500°C, λ₅₀₀	0.134 W/mK

Values announced by manufacturer.

Moisture Properties

Complies with the requirements set by BS 2972.

Other Properties

PAROC Wired Mat 130 can be used to satisfy the requirements as given in the tables for Environmental Thickness in BS5422. 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 -4.

Documentation

Environmental Management System Certificate, Finland (in English)
Quality System Certificate, Finland (in English)
Environment Management System Certificate (144036B), Lithuania (in English)
Quality System Certificate, Poland (in English)
Quality System Certificate, Sweden (in Swedish and English)

Material Safety Data Sheet/Formshaped products (in English)



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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.