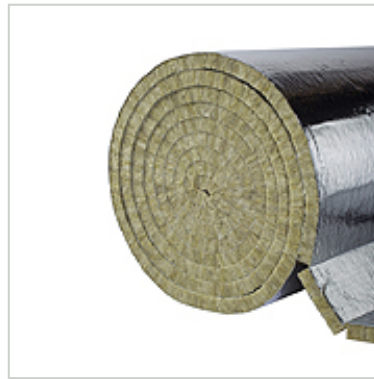


PAROC Pro Lamella Mat AluCoat



Certification Number	0809-CPD-0690 / VTT Expert Services Ltd, P.O. Box 1001, FI-02044 VTT, Finland, 18.12.2012
Designation Code	MW-EN 14303-T4-ST(+)-350-WS1-MV2-CL10
Short Description	Stone wool lamella mat with a reinforced aluminium foil facing.
Application	Thermal and condensation insulation of air ducts and other ventilation ducts and equipment.
Nominal Density	50 kg/m ³

Maximum Service Temperature		
Description	Value	In accordance with
Maximum Service Temperature (Declared), ST(+)	350 °C	EN 14706

Surface temperature of the facing must not exceed 80°C (temperature restriction determined in accordance with heat resistance adhesive). 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

Dimensions	
Width x Length	Thickness
Width 1000 or 500 mm. Length 2500 - 10000 mm depending on thickness.	20 - 120 mm
Standard EN 822	Standard EN 823

Thickness Tolerance (Declared), T T4

Packaging

Package Type Plastic Packs on Pallet

Fire Properties

Description	Value	In accordance with
Reaction to Fire, Euroclass	A1	EN 13501-1
Marine Fire Classification	Non-Combustible	IMO FTP Code Part 1
Surface Flammability (Marine)	Low flame-spread characteristics	IMO FTP Code Part 2 and 5

Thermal Properties

Thermal Conductivity		
Description	Value	In accordance with
Thermal Conductivity (declared) in 10 °C, λ_{10}	0,039	EN 12667
Thermal Conductivity (declared) in 50 °C, λ_{50}	0,045	EN 12667
Thermal Conductivity (declared) in 100 °C, λ_{100}	0,055	EN 12667

Thermal Conductivity (declared) in 200 °C, λ_{200}	0,081	EN 12667
Thermal Conductivity (declared) in 300 °C, λ_{300}	0,120	EN 12667
Thermal Conductivity (declared) in 350 °C, λ_{350}	0,146	EN 12667

Moisture Properties

Description	Value	In accordance with
Short Term Water Absorption (Declared), WS, W_p	$\leq 1 \text{ kg/m}^2$	EN 1609
Water Vapour Resistance of Facing	MV2	EN 12086

Trace Quantities of Water Soluble Ions

Description	Value	In accordance with
Chloride Ions, Cl	< 10 ppm	EN 13468

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