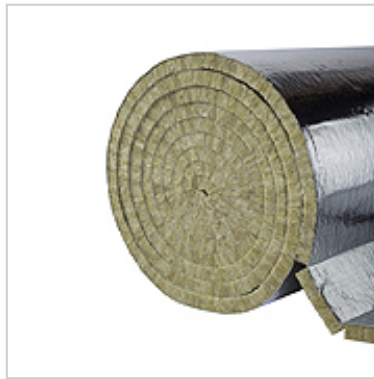


PAROC Hvac Lamella Mat AluCoat



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(+)-250-WS1-MV2
Short Description	Stone wool lamella mat with reinforced aluminium foil facing.
Application	Thermal and condensation insulation of air ducts and other ventilation ducts and equipment.
Nominal Density	35 kg/m ³

Maximum Service Temperature		
Description	Value	In accordance with
Maximum Service Temperature (Declared), ST(+)	250 °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 - 100 mm
Standard EN 822	Standard EN 823

Thickness Tolerance (Declared), T T4 / EN 14303

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}	0,038	EN 12667
Thermal Conductivity (declared) in 50 °C, λ_{50}	0,047	EN 12667
Thermal Conductivity (declared) in 100 °C, λ_{100}	0,059	EN 12667

Thermal Conductivity (declared) in 150 °C, λ_{150}	0,074	EN 12667
Thermal Conductivity (declared) in 200 °C, λ_{200}	0,091	EN 12667
Thermal Conductivity (declared) in 250 °C, λ_{250}	0,110	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

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