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EC - Declaration of Conformity

PAROC Pro Lamella Mat AluCoat

Issued in accordance with the Construction Products Directive (CPD) 89/106/EEC. This is to declare that this product conforms to the provisions of Annex ZA of EN 14303:2009 Thermal insulation products for building equipment and industrial installations – Factory made mineral wool (MW) products - Specification.

No.	40102-CPR-2013/07/01
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.

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

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 / EN 14303:2009 (EN 14303)

Fire Properties

Reaction to Fire		
Essential characteristics	Performance	Harmonised technical specification (incl. method standard)
Reaction to Fire, Euroclass	A1	EN 14303:2009 (EN 13501-1)

Thermal Properties

Thermal Resistance		
Essential characteristics	Performance	Harmonised technical specification (incl. method standard)
Thermal Conductivity (declared) in 10 °C, λ_{10}	0,039	
Thermal Conductivity (declared) in 50 °C, λ_{50}	0,045	
Thermal Conductivity (declared) in 100 °C, λ_{100}	0,055	
Thermal Conductivity (declared) in 200 °C, λ_{200}	0,081	
Thermal Conductivity (declared) in 300 °C, λ_{300}	0,120	
Thermal Conductivity (declared) in 350 °C, λ_{350}	0,146	

Moisture Properties

Water Permeability		
Essential characteristics	Performance	Harmonised technical specification (incl. method standard)
Short Term Water Absorption (Declared), W_p	$\leq 1 \text{ kg/m}^2$	EN 14303:2009 (EN 1609)

Water Vapour Permeability		
Essential characteristics	Performance	Harmonised technical specification (incl. method standard)
Water Vapour Resistance of Facing	MV2	EN 12086

Manufacturers

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