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EC - Declaration of Conformity

PAROC Pro Wired Mat 80 AL1

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.

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-T2-ST(+)+640-WS1-CL10
Short Description	Stone wool wired mat with an aluminium foil facing.
Application	Fire and thermal insulation of cylindrical, conic and level surfaces.

Maximum Service Temperature		
Description	Value	In accordance with
Maximum Service Temperature (Declared), ST(+)	640 °C	EN 14706

Dimensions

Dimensions		Thickness
Width x Length	Width 500/600/900/1000 mm, length 2000 - 8000 depending on thickness. mm	30 - 120 mm
Standard EN 822		Standard EN 823

Thickness Tolerance (Declared), T T2 / EN 14303

Fire Properties

Description	Value	In accordance with
Reaction to Fire, Euroclass	A1	EN 13501-1

Thermal Properties

Thermal Conductivity		
Description	Value	In accordance with
Thermal Conductivity (declared) in 0 °C, λ_0	0,035	EN 12667
Thermal Conductivity (declared) in 10 °C, λ_{10}	0,036	EN 12667
Thermal Conductivity (declared) in 50 °C, λ_{50}	0,040	EN 12667
Thermal Conductivity (declared) in 100 °C, λ_{100}	0,046	EN 12667
Thermal Conductivity (declared) in 200 °C, λ_{200}	0,064	EN 12667
Thermal Conductivity (declared) in 300 °C, λ_{300}	0,089	EN 12667
Thermal Conductivity (declared) in 400 °C, λ_{400}	0,121	EN 12667
Thermal Conductivity (declared) in 500 °C, λ_{500}	0,159	EN 12667
Thermal Conductivity (declared) in 600 °C, λ_{600}	0,204	EN 12667

Moisture Properties

Description	Value	In accordance with
Short Term Water Absorption (Declared), W_S , W_p	$\leq 1 \text{ kg/m}^2$	EN 1609

Trace Quantities of Water Soluble Ions		
Description	Value	In accordance with
Chloride Ions, Cl	< 10 ppm	EN 13468

Manufacturers

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