

PAROC Pro Segment 140 DL



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-T8/T9-ST(+)-680-WS1-CL10
Short Description	Prefabricated insulation component made of stone wool (cut from pipe section).
Application	Two layer insulation of industrial pipe elbows for higher temperature applications.
Nominal Density	140 kg/m ³

Maximum Service Temperature		
Description	Value	In accordance with
Maximum Service Temperature (Declared), ST(+) _i	680 °C	EN 14707

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	
Thickness	Inner Diameter
80 - 160 mm	219 - 914 mm
Standard EN 13467	Standard EN 13467

Thickness Tolerance (Declared), T	T8/T9 / EN 14303
Other Dimensions	Other dimensions available on request.

Packaging

Package Type	Plastic packs on pallet
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Fire Properties

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

Thermal Properties

Thermal Conductivity		
Description	Value	In accordance with
Thermal Conductivity (declared) in 50 °C, λ ₅₀	0,042	EN ISO 8497
Thermal Conductivity (declared) in 100 °C, λ ₁₀₀	0,047	EN ISO 8497
Thermal Conductivity (declared) in 200 °C, λ ₂₀₀	0,065	EN ISO 8497
Thermal Conductivity (declared) in 300 °C, λ ₃₀₀	0,087	EN ISO 8497

Thermal Conductivity (declared) in 400 °C, λ_{400}	0,115	EN ISO 8497
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Moisture Properties

Description	Value	In accordance with
Short Term Water Absorption (Declared), WS, W_p	$\leq 1 \text{ kg/m}^2$	EN 13472

Trace Quantities of Water Soluble Ions

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

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