PAROC Pyrotech Slab 160

Certification Number	0809-CPR-1016 / Eurofins Expert Services Ltd, Kivimiehentie 4, FI-02150 Espoo. Finland
Designation Code	MW-EN 14303-T5-WS1
Short Description	Stone wool slab.
Application	Insulation slab for fire penetration systems.
Nominal Density	160 kg/m³

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**
600 x 1000/1200 mm	50 mm
500 x 1000/1200 mm	50 mm
1200 x 1800 mm	50 mm
In accordance with EN 822	In accordance with EN 823

Other Dimensions	Other dimensions subject to special agreement.

Packaging

Package Type	Plastic
Package on Request	Pallet

Obtainable on pallet slab sizes 600 x 1000 mm, 1200 x 1800 mm

Fire properties

Reaction to Fire		
Property	**Value**	**According to**
Reaction to Fire, Euroclass	A1	EN 14303:2009+A1:2013 (EN 13501-1)

Other Fire Properties		
Property	**Value**	**According to**
Combustibility	Non-Combustible	EN ISO 1182

Thermal Properties

Thermal Resistance		
Property	**Value**	**According to**
Thermal Conductivity in 10 °C, λ_{10}	0.039 W/mK	EN 14303:2009+A1:2013 (EN 12667)
Dimensions and Tolerances	T5	EN 14303:2009+A1:2013

Moisture Properties

Water Permeability		
Property	**Value**	**According to**
Water Absorption, Short Term WS, W_p	≤ 1 kg/m²	EN 14303:2009+A1:2013 (EN 1609)

Durability

Durability of Reaction to Fire Against Ageing/Degradation	The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of product is related to the organic content, which cannot increase with time.
Durability of Reaction to Fire Against High Temperature	The fire performance of mineral wool does not deteriorate with high temperature. The Euroclass classification of the product is related to the organic content, which remains constant or decreases with high temperature.
Durability of Thermal Resistance Against Ageing/Degradation	Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.
Durability of thermal resistance against high temperature	Thermal conductivity of mineral wool products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.

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