



PAROC BLT 9

Blowing wool

In-situ formed loosefill stone wool insulation

Thermal insulation of lofts in new and old buildings. The installation is performed by blowing wool contractors authorised by Paroc

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.

Certification Number
Designation Code
Package Type

0809-CPR-1014 Eurofins Expert Services Ltd, P.O. Box 1001, FI-02044 VTT, Finland
MW-EN14064-1-S1-MU1 and MW-EN14064-1-S2-MU1 for Loft
Plastic bag on pallet

Properties

PROPERTY	VALUE	ACCORDING TO
FIRE PROPERTIES		
Reaction to Fire, Euroclass	A1	EN 14064-1:2010 (EN 13501-1)
Continuous Glowing Combustion	NPD	EN 14064-1:2010
Combustibility	Non-combustible	EN ISO 1182
THERMAL PROPERTIES		
Thermal Conductivity (Declared), λ_D :		
Loft (Installed density: $\geq 40 \text{ kg/m}^3$)	0,041 W/mK	EN 14064-1:2010 (EN 12667)
Frame, slope $\leq 45^\circ$ (Installed Density: $\geq 60 \text{ kg/m}^3$)	0,038 W/mK	EN 14064-1:2010 (EN 12667)
Frame, slope $> 45^\circ$ (Installed Density: $\geq 70 \text{ kg/m}^3$)	0,038 W/mK	EN 14064-1:2010 (EN 12667)
Frame, horizontal (Installed Density: $\geq 60 \text{ kg/m}^3$)	0,038 W/mK	EN 14064-1:2010 (EN 12667)
Air Permeability Coefficient, l	$130 \times 10^{-6} \text{ m}^2/\text{Pa}\cdot\text{s}$	EN 29053
MOISTURE PROPERTIES		
Water Absorption, Short Term WS, (W_p)	NPD	EN 14064-1:2010 (EN 1609)
Water Vapour Transmission MU, μ	1	EN 14064-1:2010 (EN 12086)
EMISSIONS		
Release of Dangerous Substances	NPD	EN 14064-1:2010
DURABILITY OF FIRE AND THERMAL PROPERTIES		
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 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.	
Settlement Class Si	Loft: 2 Frame ($\leq 45^\circ$): 1 Frame ($> 45^\circ$): 1 Frame, horizontal: 1	



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