PAROC BLT 9

Blowing wool

Certification Number	0809-CPR-1014 / VTT Expert Services Ltd, P.O. Box 1001, FI-02044 VTT, Finland, 3.9.2013
Designation Code	MW-EN14064-1-S1-MU1 and MW-EN14064-1-S2-MU1 for Loft
Short Description	In-situ formed loosefill stone wool insulation
Application	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.

Packaging

Package Type	Plastic bag on pallet

Fire Properties

Reaction to Fire		
Property	**Value**	**According to**
Reaction to Fire, Euroclass	A1	EN 14064-1:2010 (EN 13501-1)

Continuous Glowing Combustion		
Property	**Value**	**According to**
Continuous Glowing Combustion	NPD	EN 14064-1:2010

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

Thermal Properties

Thermal Properties		
Property	**Value**	**According to**
Thermal Conductivity (Declared), λ_D :		
Loft (Installed density: ≥40 kg/m^3)	0,041 W/mK	EN 14064-1:2010 (EN 12667)
Frame, slope ≤45° (Installed Density: ≥60 kg/m^3)	0,038 W/mK	EN 14064-1:2010 (EN 12667)

Frame, slope >45° (Installed Density: ≥70 kg/m^3)	0,038 W/mK	EN 14064-1:2010 (EN 12667)
Frame, horizontal (Installed Density: ≥60 kg/m^3)	0,038 W/mK	EN 14064-1:2010 (EN 12667)

Moisture Properties

Water Permeability		
Property	**Value**	**According to**
Water Absorption, Short Term WS, W_p	NPD	EN 14064-1:2010 (EN 1609)

Water Vapour Permeability		
Property	**Value**	**According to**
Water Vapour Transmission MU, μ	1	EN 14064-1:2010 (EN 12086)

Emissions

Release of Dangerous Substances to the Indoor Environment		
Property	**Value**	**According to**
Release of Dangerous Substances	NPD	EN 14064-1:2010

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 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 (≤45°): 1 Frame (>45°): 1 Frame, horizontal: 1

Head Office: PAROC GROUP, P.O. Box 240 (Energiakuja 3), FI-00181 Helsinki Finland, Tel. +358 46 876 8000, www.paroc.com