

PAROC BLT 9

Blowing wool **Minerální kamenná vlna**



Certification Number

Číslo certifikátu

0809-CPR-1014 / VTT Expert Services Ltd, P.O. Box 1001, FI-02044 VTT, Finland, 3.9.2013

Designation Code

Označení

MW-EN14064-1-S1-MU1 and MW-EN14064-1-S2-MU1 for Loft

Short Description

Popis

In-situ formed loosefill stone wool insulation

Kamenná minerální izolační vlna ve formě granulátu

Application

Aplikace

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

Tepelná izolace stropů a střešních nových i starých domů. Izolace je montována proškolenými partnery společnosti 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 **Typ balení**

Plastic bag on pallet **Pytel na paletě**

Fire Properties

Reaction to Fire		
Property	Value	According to
Reaction to Fire, Euroclass Třída reakce na oheň	A1	EN 14064-1:2010 (EN 13501-1)

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

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

Thermal Properties

Thermal Properties		
Property	Value	According to
Thermal Conductivity (Declared), λ_D : Součinitel tepelné vodivosti		
Loft (Installed density: $\geq 40 \text{ kg/m}^3$) Volně foukaný	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)

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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 Absorpce vody krátkodobá	NPD	EN 14064-1:2010 (EN 1609)
Water Vapour Permeability		
Property	Value	According to
Water Vapour Transmission MU, μ Přenos vodní páry	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 Odolnost proti ohni, stárnutí a degradaci	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.	Požární odolnost vaty se vlivem času nezhoršuje. Klasifikace výrobku podle euro třídy souvisí s organickým obsahem, který se časem nemůže zvyšovat
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.	Tepelná vodivost výrobků z minerální vlny se časem nemění. Zkušenosti ukázaly, že vláknitá struktura je stabilní a póry neobsahují žádné jiné plyny, než atmosferický vzduch
Settlement Class Si Třída sesedání	Loft: 2 Volně nafoukaný Frame (≤45°): 1 Dutina Frame (>45°): 1 Šikmina Frame, horizontal: 1 Příčka	

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