



METAC



Thermal and Acoustic Insulation for Pitched Roof Rafter Applications

Metac is a high performance glass mineral wool 'slab on a roll' insulation supplied in 50-200mm thicknesses.

Features and Benefits

Thermal

Thermal performance
Thermal conductivity of 0.034 W/m.K. Helps to reduce heat loss within the building envelope and decrease energy costs.

Quick to install

Quick to install
Friction fits between rafters (eliminating air gaps). Easy to handle and cut with no slumping and minimal waste.

Acoustic

Excellent acoustic performance
Weighted sound reduction of 49 dB (R_w)*, delivering excellent external noise reduction compared to other insulation materials.

Non-combustible

Non-combustible
Achieves a Euroclass A1 Reaction to Fire classification, according to BS EN 13501-1.

Recycled glass

Recycled glass
Manufactured from a minimum of 50% recycled glass.

Product Specification

Product code	Thickness (mm)	Width (mm)	Length (mm)	Pack area (m ²)	Packs per pallet	Pallet area (m ²)	λ ₀ Declared thermal conductivity (W/m.K)	R ₀ Declared thermal resistance (m ² .K/W)
5200819227	50	1200	9300	11.16	18	200.88	0.034	1.45
5200819232	125	1200	4800	5.76	18	103.68	0.034	3.65
5200826090	150	1200	4100	4.92	18	88.56	0.034	4.40
5200819233	175	1200	3500	4.20	18	75.60	0.034	5.10
5200819234	200	1200	3200	3.84	18	69.12	0.034	5.85

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*Acoustic testing to BS EN ISO 10140-2:2010. Test report available on request





CHARACTERISTICS

Characteristic	Description
Thermal	Metac has a declared thermal conductivity of 0.034 W/m.K under BS EN 13162: Thermal insulation products for buildings. Factory made mineral wool (MW) products.
Fire	Achieves a Euroclass A1 Reaction to Fire classification according to BS EN 13501-1.
Environmental	All ISOVER products are manufactured under Environmental Management System - ISO 14001. Zero Ozone Depletion Potential (ODP) and Global Warming Potential (GWP) < 5. The manufacturing process does not use or contain CFC's, HCFC's or other damaging gases.
BRE statements	Metac corresponds to the BRE Global Green Guide online generic specification glass wool insulation ref 815320002 which achieves a summary rating of A+ within the Domestic, Health, Industrial, Commercial, Retail and Education categories.
Quality	All ISOVER products are manufactured under Quality Management Standard - ISO 9001. Metac is manufactured in accordance with BS EN 13162: Thermal insulation products for buildings. Factory made mineral wool (MW) products.
Building regulations	Helps to meet the requirements of UK thermal building regulations.
Recycled content	Metac is manufactured from a minimum of 50% recycled glass.
Durability	Thermal conductivity of mineral wool products does not change with time. Experience has shown the fibre structure to be stable and the fibre matrix contains no other gases than atmospheric air (see standard EN 13162). Will not sustain vermin, nor breed or promote fungi or bacteria.
Handling and storage	Information regarding storage, installation and handling of ISOVER products, or health & safety information, can be found here.
Health and safety	
Certification	CE marked (0751-CPR-196.0-04) to EN 13162 Metac Universal-002. Designation Code: MW-EN 13162-T2.

**Customer Service Centre -
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