



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

Cost effective
Cost-effective
 Great value solution compared to other insulation materials.

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

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

Quick to install
Quick to install
 Friction fits between rafters (eliminating air gaps). Easy to handle and cut. No slumping. Minimal waste.

Recycled glass
Recycled glass
 Manufactured from up to 80% recycled glass.

Non-combustible
Non-combustible
 Achieves an A1 Euroclass Reaction to Fire rating - the best attainable.

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/mK)	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/mK under BS EN 13162 for factory made mineral wool.
Fire	Achieves an A1 Euroclass Reaction to Fire rating when classified to BS EN 13501-1. Class 'O' compliance.
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.
Building regulations	Helps to meet the requirements of UK thermal building regulations.
Recycled content	Metac is manufactured from up to 80% 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	ISOVER products are supplied fully palletised, offering the following benefits: <ul style="list-style-type: none"> • Weatherproof packaging for outside storage • Reduced haulage costs • Less handling therefore less damage • Reduced storage space • Faster loading, unloading and counting
Health and safety	A Safe Use Instruction Sheet can be obtained from the ISOVER website.
Certification	CE marked to BS EN 13162. Designation Code: MW-EN-13162-T2.

Customer Service - Order Placement and Enquiries

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