

Product Data Sheet

# METAC



## Thermal and Acoustic Insulation for Pitched Roof Rafter Applications

Metac is a robust 'slab on a roll' glass mineral wool insulation, which can be considered for use between rafters in pitched roof applications. It offers a 2-in-1 solution for its thermal performance and sound reduction properties. The strong, resilient and flexible rolls are available in a range of thicknesses to suit common rafter depths.

Metac can also be considered for thermal insulation between the joists in flat roofing applications.

# Features & Benefits



## Thermal Performance

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



## Acoustic Performance

When included within particular pitched roof rafter systems, Metac can help achieve a weighted sound reduction of up to 49 dB ( $R_w$ ), delivering excellent external noise reduction for those living or working within the building.\*



## Easy to Install

Metac friction-fits between rafters without slumping, or the need for any additional fixing. The roll width allows cutting to different rafter centres, providing maximum flexibility and efficiency on site, with minimal waste (off-cuts can be reused).



## Sustainability

Manufactured from a minimum of 50% recycled glass. For further details, see the Environmental section below or visit [insulation-uk.com/CSR](https://insulation-uk.com/CSR).



## Fire Classification

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

\*Tested by the University of Salford to BS EN ISO 10140-2:2010. For further details, please contact our Technical Support Centre on [technicalsupport@saint-gobain.com](mailto:technicalsupport@saint-gobain.com)

# Key Considerations

When using ISOVER Metac, you need to satisfy yourself that use of the product meets all relevant national Building Regulations and guidance as well as local, national and other applicable standards relevant for your construction or application, including requirements in relation to fire and applicable height restrictions.

Please refer to the following product documents:

- Declaration of Performance - available at [insulation-uk.com/products/isoover-metac](https://insulation-uk.com/products/isoover-metac)
- Safe Use Instruction Sheet - available at [insulation-uk.com/healthandsafety](https://insulation-uk.com/healthandsafety)

# Product Specification

Product code	Thickness (mm)	Length (m)	Width (m)	Roll area (m <sup>2</sup> )	Rolls per pallet	Pallet area (m <sup>2</sup> )	λD Declared thermal conductivity (W/m.K)	RD Declared thermal resistance (m <sup>2</sup> .K/W)
5200819227	50	9.30	1.20	11.16	18	200.88	0.034	1.45
5200819232	125	4.80	1.20	5.76	18	103.68	0.034	3.65
5200826090	150	4.10	1.20	4.92	18	88.56	0.034	4.40
5200819233	175	3.50	1.20	4.20	18	75.60	0.034	5.10
5200819234	200	3.20	1.20	3.84	18	69.12	0.034	5.85

# Characteristics

<b>Thermal</b>	Declared thermal conductivity of 0.034 W/m.K under EN 13162: Thermal insulation products for buildings. Factory made mineral wool (MW) products.
<b>Fire</b>	Euroclass A1 Reaction to Fire classification according to EN 13501-1.
<b>Environmental</b>	All ISOVER products are manufactured under Environmental Management System - ISO 14001.
<b>Recycled Content</b>	Manufactured from a minimum of 50% recycled glass.

**Certification** CE marked to EN 13162.  
Designation Code: MW-EN 13162-T2.

**Handling, Storage, Health and Safety** Information regarding storage, installation and handling of ISOVER products and health & safety information can be found at [insulation-uk.com/healthandsafety](https://insulation-uk.com/healthandsafety). EUCED certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008.

**Quality** Manufactured under Quality Management Standard - ISO 9001.



**ISOVER**

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**[insulation-uk.com](http://insulation-uk.com)**

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ISOVER reserves the right to amend or revise product specification without notice. The information in this publication is correct at the time of publication. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work.

For an up-to-date library of product information, users should visit the website at [insulation-uk.com](http://insulation-uk.com)

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