

Product Data Sheet

Application: External Walls

TIMBER FRAME BATT 40



Thermal Insulation for Timber Frame Walls

Timber Frame Batt 40 is a glass mineral wool batt that can be considered for use in timber frame walls. The resilient and flexible batts can be friction fitted between standard timber studs, ensuring straightforward installation and helping to minimise gaps and maximise thermal performance.

Features and Benefits



Thermal Performance

Thermal conductivity of 0.040 W/m.K. Helps to reduce heat loss within the building envelope and decrease energy costs.



Fire Classification

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



Acoustic Benefits

The fibre structure of the glass mineral wool traps sound energy and dissipates it within its thickness, helping to improve the acoustic comfort of those living or working within the building.



Easy to Install

Straightforward to handle, cut and install with minimal waste (off-cuts can be reused). Friction fits between 600mm timber stud centres with no need for additional fixings.



Sustainability

Achieves a BRE Green Guide rating of A+ which can assist in demonstrating environmental performance in your BREEAM assessments. Manufactured from up to 75% recycled glass on a plant that uses 100% renewable electricity. For further details, see the Environmental section below or visit [insulation-uk.com/CSR](https://www.insulation-uk.com/CSR)

Key Considerations

When using ISOVER Timber Frame Batt 40, 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 which are available at insulation-uk.com/products/isover-timber-frame-batt-40 (product properties) and insulation-uk.com/healthandsafety (safety properties):

- Declaration of Performance
- Safe Use Instruction Sheet

Product Specification

Product code	Thickness (mm)	Length (mm)	Width (mm)	Batts per pack	Pack area (m ²)	Packs per pallet	Pallet area (m ²)	AD Declared thermal conductivity (W/m.K)	RD Declared thermal resistance (m ² .K/W)
5200625341	90	1175	570	14	9.38	20	187.53	0.040	2.25
5200625345	140	1175	570	8	5.36	24	128.59	0.040	3.50

Characteristics

Thermal	Declared thermal conductivity of 0.040 W/m.K under EN 13162: Thermal insulation products for buildings. Factory made mineral wool (MW) products.	Certification	UKCA Marked to BS EN 13162. CE marked to EN 13162. Designation code: MW-EN 13162-T3.
Fire	Euroclass A1 Reaction to Fire classification according to EN 13501-1.	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 . Achieves a Eurofins Gold product status for indoor air quality (certificate available at insulation-uk.com/Eurofins). EUCEB certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008 (to download the certification, please visit insulation-uk.com/accreditations).
Environmental	All ISOVER products are manufactured under Environmental Management System - ISO 14001:2015. BES 6001 Rating "Good" - The Framework Standard for Responsible Sourcing. Please visit insulation-uk.com/accreditations for further details. Achieves an A+ Green Guide rating for glass mineral wool insulation ref 815320001 that can assist in demonstrating the environmental performance within BREEAM assessments.	Quality	All ISOVER products are manufactured under Quality Management Standard - ISO 9001.
Recycled Content	Manufactured from up to 75% recycled glass.		



ISOVER

White House Industrial Estate,
Runcorn, Cheshire, WA7 3DP

**Customer Service -
Order Placement and Enquiries**

Tel: 01473 820820

Email: iukcustomerservice@saint-gobain.com

Technical Support Centre

Tel: 01473 820850

Email: technicalsupport@saint-gobain.com

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

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Registered Offices: Saint-Gobain House, East Leake, Loughborough, Leicestershire, LE12 6JU.