

**Product Data Sheet**

**Application:** External Walls

# TIMBER FRAME BATT 32



## Thermal Insulation for Timber Frame Walls

Timber Frame Batt 32 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 0.032 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.



### Sustainability

Achieves a BRE Green Guide 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/](https://www.insulation-uk.com/) CSR



### 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.

# Key Considerations

When using ISOVER Timber Frame Batt 32, 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-32](https://insulation-uk.com/products/isover-timber-frame-batt-32) (product properties) and [insulation-uk.com/healthandsafety](https://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 <sup>2</sup> ) | Packs per pallet | Pallet area (m <sup>2</sup> ) | AD Declared thermal conductivity (W/m.K) | RD Declared thermal resistance (m <sup>2</sup> .K/W) |
|--------------|----------------|-------------|------------|----------------|-----------------------------|------------------|-------------------------------|--|--|
| 5200625331   | 50             | 1175        | 570        | 9              | 6.03                        | 16               | 96.44                         | 0.032                                    | 1.55   |
| 5200625329   | 90             | 1175        | 570        | 5              | 3.35                        | 20               | 66.98                         | 0.032                                    | 2.80   |
| 5200543056   | 140            | 1175        | 570        | 5              | 3.35                        | 16               | 53.58                         | 0.032                                    | 4.35   |

# Characteristics

|                         |   |   |   |
|-------------------------|---|---|---|
| <b>Thermal</b>          | Declared thermal conductivity of 0.032 W/m.K under EN 13162: Thermal insulation products for buildings. Factory made mineral wool (MW) products.  | <b>Certification</b>                        | UKCA Marked to BS EN 13162.<br>CE marked to EN 13162.<br>Designation code: MW-EN 13162-T4.  |
| <b>Fire</b>             | Euroclass A1 Reaction to Fire classification according to EN 13501-1.   | <b>Handling, Storage, Health and Safety</b> | Information regarding storage, installation and handling of ISOVER products and health & safety information, can be found at <a href="https://insulation-uk.com/healthandsafety">insulation-uk.com/healthandsafety</a> .<br>Timber Frame Batt 32 (50mm & 90mm) achieves Eurofins Gold product status for indoor air quality.<br>EUCEB certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008. |
| <b>Environmental</b>    | All ISOVER products are manufactured under Environmental Management System - ISO 14001.<br>Achieves an A+ Green Guide rating for glass mineral wool insulation ref 815320004 (50 and 90mm thicknesses) & 81520003 (140mm thickness) that can assist in demonstrating the environmental performance within BREEAM assessments. | <b>Quality</b>                              | All ISOVER products are manufactured under Quality Management Standard - ISO 9001.  |
| <b>Recycled Content</b> | Manufactured from up to 75% recycled glass.   |   |   |



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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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