



# TIMBER FRAME BATT 32

## Thermal Insulation for Timber Frame Walls

Timber Frame Batt 32 is a glass mineral wool batt providing thermal performance and acoustic benefits in timber frame walls. Supplied in a range of thicknesses, the strong, resilient and flexible batts are 570mm wide to fit between standard timber studs.



## 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.



### Non-combustible

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



### Acoustic benefits

Reduces unwanted noise from external sources helping to improve the acoustic comfort of those living within the building.



### Quick and easy to install

570mm widths push fit between 600mm timber stud centres with no need for additional fixings.



### Recycled glass

Manufactured from up to 70% recycled glass.

## Product Specification

| Product code | Thickness (mm) | Width (mm) | Length (mm) | Batts per pack | Pack area (m <sup>2</sup> ) | Packs per pallet | Pallet area (m <sup>2</sup> ) | λ <sub>D</sub> Declared thermal conductivity (W/m.K) | R <sub>D</sub> Declared thermal resistance (m <sup>2</sup> .K/W) |
|--------------|----------------|------------|-------------|----------------|-----------------------------|------------------|-------------------------------|--|--|
| 5200625331   | 50             | 570        | 1175        | 9              | 6.03                        | 16               | 96.44                         | 0.032  | 1.55   |
| 5200625329   | 90             | 570        | 1175        | 5              | 3.35                        | 20               | 66.98                         | 0.032  | 2.80   |
| 5200543056   | 140            | 570        | 1175        | 5              | 3.35                        | 16               | 53.58                         | 0.032  | 4.35   |



# CHARACTERISTICS

| Characteristic              | Description   |
|-----------------------------|---|
| <b>Thermal</b>              | Timber Frame Batt 32 has a declared thermal conductivity of 0.032 W/m.K under BS EN 13162: Thermal insulation products for buildings. Factory made mineral wool (MW) products.  |
| <b>Fire</b>                 | Euroclass A1 Reaction to Fire classification according to BS EN 13501-1.  |
| <b>Environmental</b>        | 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. BES 6001 Rating "Good" - The Framework Standard for Responsible Sourcing.   |
| <b>BRE statements</b>       | Timber Frame Batt 32 (50 and 90mm thicknesses) corresponds to the BRE Global Green Guide online generic specification glass wool insulation ref 815320004. Timber Frame Batt 32 (140mm thickness) corresponds to the BRE Global Green Guide online generic specification glass wool insulation ref 815320003. All products achieve a summary rating of A+ within the Domestic, Health, Industrial, Commercial, Retail and Education categories. |
| <b>Quality</b>              | All ISOVER products are manufactured under Quality Management Standard - ISO 9001. Timber Frame Batt 32 is manufactured in accordance with BS EN 13162: Thermal insulation products for buildings. Factory made mineral wool (MW) products.   |
| <b>Building regulations</b> | Helps to meet the requirements of UK thermal building regulations.  |
| <b>Recycled content</b>     | Timber Frame Batt 32 is manufactured from up to 70% recycled glass.   |
| <b>Durability</b>           | 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.  |
| <b>Handling and storage</b> | Information regarding storage, installation and handling of ISOVER products, or health & safety information, can be found here.   |
| <b>Health and safety</b>    |   |
| <b>Certification</b>        | CE marked (1121-CPR-BA0053 and 0402-CPD-SC1312-11) to BS EN 13162. Designation codes: MW-EN 13162-T4.   |

## Customer Service Centre - Order Placement and Enquiries

**Tel:** 01473 820820

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## ISOVER Address:

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## Technical Enquiries - Advice and Support Line

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**Insulation-UK.com**