

**Product Data Sheet**

**Application:** External Walls

# TIMBER FRAME ROLL 40



## Thermal Insulation for Timber Frame Walls

Timber Frame Roll 40 is a glass mineral wool roll providing thermal performance and acoustic benefits in timber frame walls. The resilient and flexible rolls 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 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 Roll 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-roll-40](https://insulation-uk.com/products/isover-timber-frame-roll-40) (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 (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) |
|--------------|----------------|------------|-----------|-----------------------------|------------------|-------------------------------|--|--|
| 5200625582   | 90             | 10.13      | 2 x 0.57  | 11.55                       | 24               | 277.16                        | 0.040                                    | 2.25   |
| 5200625572   | 140            | 6.50       | 2 x 0.57  | 7.41                        | 24               | 177.84                        | 0.040                                    | 3.50   |

# Characteristics

|                         |   |   |  |
|-------------------------|---|---|--|
| <b>Thermal</b>          | Declared thermal conductivity of 0.040 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-T1.   |
| <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>Achieves a Eurofins Gold product status for indoor air quality (certificate available at <a href="https://insulation-uk.com/Eurofins">insulation-uk.com/Eurofins</a> ).<br>EUCEB certified, demonstrating our mineral wool fibre products conform with Note Q of Regulation (EC) No 1272/2008 (to download the certification, please visit <a href="https://insulation-uk.com/accreditations">insulation-uk.com/accreditations</a> ). |
| <b>Environmental</b>    | All ISOVER products are manufactured under Environmental Management System - ISO 14001:2015. BES 6001 Rating "Good" - The Framework Standard for Responsible Sourcing. Please visit <a href="https://insulation-uk.com/accreditations">insulation-uk.com/accreditations</a> for further details.<br>Achieves an A+ Green Guide rating for glass mineral wool insulation ref 815320001 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.   |   |  |



**ISOVER**

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

**Customer Service -  
Order Placement and Enquiries**

Tel: 01473 820820

Email: [iukcustomerservice@saint-gobain.com](mailto:iukcustomerservice@saint-gobain.com)

**Technical Support Centre**

Tel: 01473 820850

Email: [technicalsupport@saint-gobain.com](mailto:technicalsupport@saint-gobain.com)

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

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