

**Product Data Sheet**

**Application:** External Walls

# ISOVER TIMBER FRAME ROLL 40



## Thermal Insulation for Timber Frame Walls

Isover 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.



### 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.



### Sustainability

Manufactured from up to 82% recycled glass on a plant that uses 100% renewable electricity. For further details, see the Environmental section below or visit [isover.co.uk/CSR](https://isover.co.uk/CSR)



### Fire Classification

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



### 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.

# 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 [isover.co.uk/products/isover-timber-frame-roll-40](https://isover.co.uk/products/isover-timber-frame-roll-40) (product properties) and [isover.co.uk/healthandsafety](https://isover.co.uk/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>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 14001:2015.
<b>Recycled Content</b>	Manufactured from up to 82% recycled glass.
<b>Certification</b>	UKCA Marked to BS EN 13162. CE marked to EN 13162. Designation code: MW-EN 13162-T1.

<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://isover.co.uk/healthandsafety">isover.co.uk/healthandsafety</a> . Achieves a Eurofins Gold product status for indoor air quality (certificate available at <a href="https://isover.co.uk/Eurofins">isover.co.uk/Eurofins</a> ). EUCED 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://isover.co.uk/accreditations">isover.co.uk/accreditations</a> ).
<b>Quality</b>	All Isover products are manufactured under Quality Management Standard - ISO 9001.



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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 [isover.co.uk](http://isover.co.uk)

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