

# Timber & Rafter Roll 40

April 2016



## Description

**Superglass Timber & Rafter Roll 40** is a lightweight, non-combustible glass mineral wool insulation roll. The flexible roll is cut a 2x570mm to allow easy installation between common stud spacings and minimum on-site cutting and waste.

## Application

**Superglass Timber & Rafter Roll 40** is designed to provide thermal and acoustic insulation for timber frame roofs, walls and floors. The rolls are self-supporting by friction fitting between timber studs.



### Thermal Insulation

Timber & Rafter Roll 40 has a thermal conductivity of 0.040W/mK.



### Recycled Content

Timber & Rafter Roll 40 is manufactured from up to 84% recycled glass bottles.



### BRE Green Guide Rating

Timber & Rafter Roll 40 has a Generic BRE Green Guide Rating of A+.



### Fire Performance

Timber & Rafter Roll 40 has a fire classification of A1 non-combustible.

# Timber & Rafter Roll 40

| Product dimensions and information |            |            |                             |                              |                  |       |
|------------------------------------|------------|------------|-----------------------------|------------------------------|------------------|-------|
| Thickness (mm)                     | Length (m) | Width (mm) | Pack Area (m <sup>2</sup> ) | R-Value (m <sup>2</sup> K/W) | Packs per pallet | Code  |
| 90                                 | 10.65      | 2x570      | 12.14                       | 2.25                         | 24               | 3489  |
| 100                                | 8.50       | 2x570      | 9.69                        | 2.50                         | 24               | 3412* |
| 140                                | 6.90       | 2x570      | 7.87                        | 3.50                         | 24               | 3488  |

\*Non-Standard Products

## Thermal Performance

Timber & Rafter Roll 40 has a thermal conductivity of 0.040W/mK.

## Fire Performance

Superglass products are classified as Euroclass A1 to BS EN 13501-1. Superglass products being non-combustible will not contribute towards a fire load.

## Environment

Superglass products have zero Ozone Depletion Potential (ODP) and zero Global Warming Potential (GWP). The products are also CFC and HCFC free.

## Recycled Content

Superglass products are manufactured from up to 84% recycled glass bottles which would otherwise go to landfill.

## Quality

Superglass products are manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001:2008.

## Standards

Superglass products are manufactured in accordance with BS EN 13162:2012 and BS EN 13172:2012 for Factory made mineral wool products.

## Durability

Superglass products are non-hygroscopic, will not rot, degrade or sustain vermin and will not encourage the growth of mould, bacteria or fungi.

## Vapour Resistance

Superglass products offer negligible vapour resistance allowing vapour to pass freely through the insulation.

## Handling & Storage

Superglass products are easy to handle, cut and install. The products are supplied compression packed in polythene to provide short term protection only. For long term protection, the product must be stored indoors or under a waterproof covering in order to protect from weather damage. The products should not be left permanently exposed to the elements.

## Building Information Modelling (BIM)

BIM objects for this product can be downloaded from [www.bimstore.co.uk/manufacturers/superglass-insulation-ltd](http://www.bimstore.co.uk/manufacturers/superglass-insulation-ltd)

## Certification

CE Marked to BS EN 13162:2012.

A copy of the Timber & Rafter Roll 40 Declaration of Performance (DoP) ref: DOP0008 can be downloaded from the Superglass website.

## Associated Products

Timber & Rafter Roll 32  
Timber & Rafter Roll 35  
Timber & Rafter Roll 38

## Superglass Insulation Limited

Thistle Industrial Estate, Kerse Road, Stirling, Scotland FK7 7QQ

### Technical

Hotline: **0844 381 4022**

Email: [technical@superglass.co.uk](mailto:technical@superglass.co.uk)

Fax: **01786 451245**

### Sales

Tel: **01786 451170**

Email: [sales@superglass.co.uk](mailto:sales@superglass.co.uk)

Fax: **01786 451245**

### Follow us on:

 [www.facebook.com/superglassinsulationltd](http://www.facebook.com/superglassinsulationltd)

 [www.twitter.com/superglassins](http://www.twitter.com/superglassins)

 [www.linkedin.com/company/superglass-insulation-ltd](http://www.linkedin.com/company/superglass-insulation-ltd)

 [www.pinterest.com/superglassins](http://www.pinterest.com/superglassins)

 [superglass\\_insulation](https://www.instagram.com/superglass_insulation)

For further information or alternative dimensions please contact the Technical Department.

Please note - all dimensions are nominal.

All rights are reserved, including those of photomechanical reproduction and storage in electronic media. Commercial use of the processes and work activities presented in this document is not permitted. Extreme caution was observed when putting together the information, texts and illustrations in this document. Nevertheless, errors cannot quite be ruled out. The publisher and editors cannot assume legal responsibility or any liability whatever for incorrect information and the consequences thereof. The publisher and editors will be grateful for improvement suggestions and details of errors pointed out.