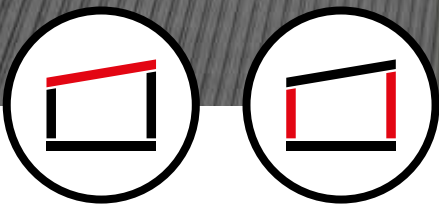


# Cladding Mat 37

April 2017



## Description

**Superglass Cladding Mat 37** is a resilient, lightweight and non-combustible glass mineral wool insulation roll with exceptional durability and high tear strength. The roll is supplied 1200mm wide to allow quick installation and minimum on-site cutting and waste.

## Application

**Superglass Cladding Mat 37** is designed to provide thermal and acoustic insulation in the walls and roofs of profiled metal clad buildings and portable buildings.



### Thermal Insulation

Cladding Mat 37 has a thermal conductivity of 0.037W/mK.



### Recycled Content

Cladding Mat 37 is manufactured from up to 84% recycled glass bottles.



### BRE Green Guide Rating

Cladding Mat 37 has a Generic BRE Green Guide Rating of A+.



### Fire Performance

Cladding Mat 37 has a fire classification of A1 non-combustible.

**[teamworks]**

[www.superglass.co.uk](http://www.superglass.co.uk)

**bim**

Available on  
[bimstore.co.uk](http://bimstore.co.uk)

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# Cladding Mat 37

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
80	9.50	1200	11.40	2.15	24	3600
100	7.80	1200	9.36	2.70	24	3624
110	7.00	1200	8.40	2.95	24	3631
120	6.55	1200	7.86	3.20	24	3625
140	5.60	1200	6.72	3.75	24	3626
150	5.20	1200	6.24	4.05	24	3632
160	4.90	1200	5.88	4.30	24	3627
180	4.35	1200	5.22	4.85	24	3628
200	3.50	1200	4.20	5.40	24	3629
220	3.25	1200	3.90	5.90	24	3668

Cladding Mat 37 is a non-standard product

## Technical Guidance

Reference should be made to the BRE Information Paper IP 10/02 and Steel Construction Institute (SCI) Technical Note P312. These publications examine the effects of thermal bridging through spacers which separate the inner and outer metal sheets. Alternatively, please consult with system designer/manufacturer for advice on the insulation requirements for their proprietary systems.

## Thermal Performance

Cladding Mat 37 has a thermal conductivity of 0.037W/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 9001:2012.

## Standards

Superglass products are manufactured in accordance with BS EN 13162:2015 and BS EN 13172:2015 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](http://www.bimstore.co.uk) or [www.superglass.co.uk](http://www.superglass.co.uk)

## Certification

CE Marked to BS EN 13162:2015.

A copy of the Cladding Mat 37 Declaration of Performance (DoP) ref: DOP0014 can be downloaded from the Superglass website.

## Associated Products

Cladding Mat 32  
Cladding Mat 35  
Cladding Mat 40

## Superglass Insulation Limited

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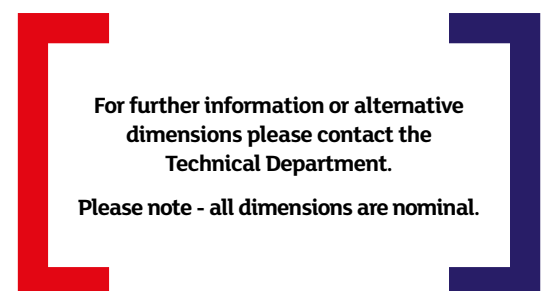
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