

# Superwall 32 Cavity Batt.

June 2024 | Data Sheet



## Description.

Superglass Superwall 32 is a British Board of Agrément (BBA) approved, non-combustible and water repellent glass mineral wool insulation cavity wall batt. The flexible batt is supplied at 455mm wide to allow easy installation between standard vertical wall tie spacings, reducing the need for on-site cutting and waste.

## Application.

Superglass Superwall 32 is designed to provide thermal insulation in full or partial fill in new external masonry cavity walls, up to 25 metres in height for full fill and without restriction for partial fill in buildings of a domestic and non-domestic nature (additional requirements apply for buildings above 12 metres in height for full fill and above 25 metres in height for partial fill, please refer to the product BBA certificate for more information).

Superwall 32 is BBA approved for use in all UK exposure zones (subject to conditions detailed in the BBA Certificate).

## Performance.

### Thermal Conductivity:

Declared thermal conductivity (lambda ( $\lambda$ ) value) of 0.032W/mK.

### Fire Classification:

Deemed non-combustible with a fire classification of Euroclass A1 (the highest possible rating) when tested to BS EN 13501-1 Reaction to Fire.



**Typical applications:**  
External masonry cavity walls.



Thermal  
Insulation



Non-  
combustible



Easy to  
Install



Recycled  
Glass Content

Intelligent Environments  
**Superglass**

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

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## Technical Characteristics.

### Product Specification.

Thickness (mm)	Length (mm)	Width (mm)	Batts per pack	Pack Area (m <sup>2</sup> )	Packs per pallet	Thermal Conductivity (W/mK)	Thermal Resistance (m <sup>2</sup> K/W)	Product Code
75	1200	455	8	4.368	30	0.032	2.30	2144313
85	1200	455	8	4.368	30	0.032	2.65	2144314
100	1200	455	6	3.276	30	0.032	3.10	2144315
125	1200	455	4	2.184	30	0.032	3.90	2144316
135	1200	455	4	2.184	30	0.032	4.20	2144329
150	1200	455	4	2.184	30	0.032	4.65	2144449

Please note that all dimensions are nominal.

### Additional Information.

#### Vapour Resistivity.

The product has a nominal vapour resistivity of 5 MNs/gm.

#### Water Resistance.

Constructions incorporating the product and built in accordance with the Standards listed in section 4.4 of BBA Certificate 89/2231 Product Sheet 3, will resist the transfer of precipitation to the inner leaf and satisfy the national Building Regulations.

#### Below DPC level.

The product may be used in situations where it bridges the DPC in walls; dampness from the ground will not pass through to the inner leaf provided the wall is detailed in accordance with the requirements and provisions of the national Building Regulations. Please refer to product BBA certificate for more information.

#### Environmental credentials.

- Manufactured in accordance with ISO 14001 - Environmental Management Systems (EMS). Certificate number: EMS 646508
- Contains no ozone-depleting substances or greenhouse gases. For more information, please refer to the Environmental Product Declaration (EPD).
- Made from up to 84% recycled glass.
- Generic BRE Green Guide Rating of A+.

#### Standards and Approvals.

Manufactured in accordance with:

- BS EN 13162:2012(+A1:2015) Thermal insulation products for buildings - Factory made mineral wool (MW) products.

- BS EN 13172: 2012 Thermal insulation products - Evaluation of conformity.
- BS EN ISO 9001 - Quality Management Systems (QMS). Certificate number: FM 02264.

#### Certifications.

- UKCA certified to BS EN 13162:2012+A1:2015. Certificate number: 0086 CPR 469699.
- CE marked to BS EN 13162:2012+A1:2015. Certificate number: 0751-CPR-399.0-01.
- BBA certified for full and partial fill applications. Certificate number: 89/2231.

A copy of the product Declaration of Performance (DoP) can be downloaded from the Superglass website.

#### Handling & Storage.

Due to its physical characteristics, Superwall 32 is quick and easy to handle and install.

The product is 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 and off the ground to protect from weather damage. The product should not be left permanently exposed to the elements.

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



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