

Superwhite 34 Blown Insulation – Cavity Wall.

August 2025 | Data Sheet



Description.

Superglass Superwhite 34 is a non-combustible and British Board of Agrément (BBA) approved glass mineral wool blown cavity wall insulation, manufactured with a water-repellent additive to resist moisture ingress. For use as a full fill solution for new build external masonry cavity walls.

Application.

Superglass Superwhite 34 is designed to provide thermal insulation for new build masonry cavity walls with a minimum cavity width of 90mm and up to 12m in height. It can be installed in buildings over 12m in height subject to a satisfactory inspection of the wall construction and a height restriction waiver has been issued by Superglass Insulation. The product is BBA approved for all UK exposure zones (subject to conditions detailed in the BBA Certificate) and can also be installed in masonry party/separating walls.

Superwhite 34 may also be used in party walls and is a component in several Robust Details Solutions including proprietary systems E-WM-33 and E-WM-35.

Installation.

Superglass Superwhite 34 is installed by a network of approved technicians after the walls are built and the building is watertight.

Performance.

Thermal Conductivity:

Declared thermal conductivity (λ) value) of 0.034W/mK.

Fire Classification:

Deemed non-combustible with a fire classification of Euroclass A1 (the highest possible rating) when tested to BS EN 13501-1:2018 Reaction to Fire.

The CCPI logo is on the left, the BBA logo is in the center, and the Superglass logo is on the right. Below the logos, the text reads: 'Typical applications: New build external masonry cavity walls.'

Typical applications:
New build external masonry cavity walls.



Thermal
Insulation



Non-
combustible



Recycled
Glass Content

intelligent environments
Superglass
by etex

superglass.co.uk

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Technical Characteristics.

Product Specification.

Product Code	Minimum Bale Weight (kg)	Bales per pallet
2144253	16.60	28

For an installed density of 25kg/m³ the following coverage should be obtained per bale

Cavity Width (mm)	Coverage (m ² /bale)	Thermal Resistance (m ² K/W)
100	6.60	2.90
125	5.30	3.65
150	4.40	4.40
175	3.75	5.10
200	3.30	5.85
225	2.95	6.60
250	2.65	7.35

Please note that all dimensions are nominal.

Additional Information.

Buildings over 12m in height.

The product can be installed in buildings over 12m in height subject to a satisfactory inspection of the wall construction and a height restriction waiver has been issued by Superglass Insulation.

Superglass Insulation has a detailed programme for the assessment of buildings over 12m, as approved and maintained under surveillance by the BBA. Each installation beyond 12m must be individually assessed by Superglass Insulation against this agreed assessment programme and documented approval given prior to the commencement of work.

Water Resistance.

When the product is properly installed in accordance with BBA Certificate 14/5086 Product Sheet 2, it will resist any water transfer across the cavity to the inner leaf.

Vapour Resistivity.

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

Guarantee.

Superwhite 34 has a 10 year guarantee.

Environmental.

- Our products and their pallets are wrapped in low-density polyethylene (LDPE4) plastic, which contains a minimum 30% recycled material and is fully recyclable. Before recycling, please consult your local authority for guidance.
- ISO 14001:2015 – Environmental Management Systems (EMS) certified. Certificate number: EMS 646508.
- Contains no ozone-depleting substances or greenhouse gases.
- Made from up to 84% recycled glass.
- Generic BRE Green Guide Rating of A+.

For more information, please refer to the Environmental Product Declaration (EPD).

Standards and Approvals.

- BS EN 14064-1: 2010 for In-situ formed loose-fill mineral wool products.

- BS EN 13172: 2012 Thermal insulation products – Evaluation of conformity.
- ISO 9001:2015 – Quality Management Systems (QMS). Certificate number: FM 02264.

Certification.

- BBA certified. Certificate Number: 14/5086.
- UKCA certified to BS EN 14064-1: 2010. Certificate Number: 0086 CPR 742703.
- CE marked to EN 14064-1: 2010. Certificate Number: 0402-CPR-SC0003-13.
- CCPI (Code for Construction Products Information) Assessment Mark. Certificate number: 005800159/0327.

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

EUCEB (European Certification Board of Mineral Wool Products).

All Superglass glass mineral wool products are made of non-classified fibres and are certified by EUCEB. EUCEB is a voluntary initiative by the mineral wool industry. It is an independent certification authority that guarantees that products are made of fibres which comply with the exoneration criteria for carcinogenicity (Note Q) of the Regulation (EC) 1272/2008. Certificate number: BEUC-511-27949-491-14462.

Handling & Storage.

The product should be stored properly and handled in such a way as to ensure that the product remains clean and undamaged.

The product is supplied compression packed in polythene. 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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