

Superwhite 34 Blown Insulation - Cavity Wall

Typical application: New-build masonry cavity walls



Description

Superglass Superwhite 34 is a high performance, non-combustible and British Board of Agrément (BBA) approved glass mineral wool blown cavity wall insulation. Superwhite 34 has a 25 year guarantee.

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 of 12m – 25m in height subject to a satisfactory inspection of the wall construction and installation approval by Superglass Insulation. Superwhite 34 is BBA approved for all UK exposure zones (subject to conditions detailed in the BBA Certificate and NHBC Standards). Superwhite 34 may also be used in party walls and is a component in a number of Robust Details Solutions including proprietary system E-WM-33.

Installation

Superglass Superwhite 34 is installed after the walls are built, from inside the building. It's installed quickly and easily in any weather using existing machinery by a national network of Superglass and BBA approved contractors.



BRE Green Guide Rating

Superwhite 34 has a generic BRE Green Guide Rating of A+.



Fire Performance

Superwhite 34 has a fire classification of A1 (the highest possible rating) when tested to BS EN 13501-1 Reaction to Fire.



Thermal Insulation

Superwhite 34 has a thermal conductivity of 0.034W/mK.



Recycled Content

Superwhite 34 is manufactured from up to 84% recycled glass.



Efficient Installation

Installation is quick and easy in any weather by our network of Superglass & BBA approved contractors.



Superwhite 34 | Characteristics

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

Cavity Width (mm)									
90	100	110	115	125	135	145	150	155	165
Coverage (m ² /bale**)									
7.30	6.60	6.00	5.80	5.30	4.90	4.60	4.40	4.30	4.00

** Coverage calculation rounded to nearest 0.1m²/bale.

28 packs per pallet.

Nominal weight per bale = 16.6kg

Product Code = 1030

Thermal Performance

Superwhite 34 has a declared thermal conductivity of 0.034W/mK when tested to BS EN 14064-1: 2010 (Lambda 90/90).

Fire Performance

All Superglass products are deemed non-combustible and have a fire classification of A1 (the highest possible rating) when tested to BS EN 13501-1 Reaction to Fire.

Environment

- Manufactured in accordance with ISO 14001:2015 - Environmental Management Systems (EMS).
- Zero Ozone Depletion Potential (ODP) & zero Global Warming Potential (GWP).
- Generic BRE Green Guide Rating of A+.

Recycled Content

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

Standards

Manufactured in accordance with:

- BS EN 14064-1: 2010 for In-situ formed loose-fill mineral wool products
- BS EN 13172: 2012 Thermal insulation products - Evaluation of conformity.

Quality

All Superglass products are manufactured in accordance with BS EN ISO 9001:2015 - Quality Management Systems (QMS).

Durability

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

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.

Cavity Width (mm)									
90	100	110	115	125	135	145	150	155	165
R-Value (m ² K/W)									
2.60	2.90	3.20	3.35	3.65	3.95	4.25	4.40	4.55	4.85

Vapour Resistance

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

Handling & Storage

All 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.

Certification

- CE Marked to BS EN 14064-1: 2010.
- Designation Code = MW14064-1.
- A copy of the Superwhite 34 Declaration of Performance (DoP) ref: DOP0020 can be downloaded from the Superglass website.
- Superwhite 34 is BBA certified for all UK exposure zones. See certificate number 14/5086: Product Sheet 2 for more details.

Guarantee

Superwhite 34 has a 25 year guarantee.

Associated Products

Superwhite 40

Building Information Modelling (BIM)

BIM objects for this product can be downloaded from www.bimstore.co.uk or www.superglass.co.uk



Superglass Insulation Limited. Thistle Industrial Estate, Kerse Road, Stirling, Scotland FK7 7QQ

Technical

Hotline: **0808 1645 134**

Email: technical@superglass.co.uk

Sales

Tel: **01786 451170**

Email: sales@superglass.co.uk

Social

- www.facebook.com/TNintl/
- www.twitter.com/TNintl
- www.linkedin.com/company/tninternational/

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