

# Superwhite 40 Blown Cavity Wall Insulation

Typical applications: New and existing external masonry cavity walls



## Description

Superglass Superwhite 40 is a high performance, non-combustible glass mineral wool blown cavity wall insulation. The product is British Board of Agrément (BBA) certified and Cavity Insulation Guarantee Agency (CIGA) approved. Superwhite 40 has a 10 year guarantee.

## Application

Superglass Superwhite 40 is designed specifically to provide thermal insulation for new and existing masonry cavity walls with a minimum cavity width of 50mm and up to 12m in height. It may be installed in buildings of 12m –25m in height subject to a satisfactory inspection of the wall construction and installation approval by Superglass Insulation. Superglass Superwhite 40 is BBA approved for all UK exposure zones (subject to conditions detailed in the BBA Certificate and NHBC Standards).

## Installation

Superglass Superwhite 40 is installed quickly and easily, using existing machinery by a nationwide network of Superglass and BBA approved contractors.



### BRE Green Guide Rating

Superwhite 40 has a generic BRE Green Guide Rating of A+.



### Fire Performance

Superwhite 40 has a fire classification of A1 (the highest possible rating) when tested to BS EN 13501-1 Reaction to Fire.



### Thermal Insulation

Superwhite 40 has a thermal conductivity of 0.040W/mK.



### Recycled Content

Superwhite 40 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 40 | Characteristics

For an installed density of 18kg/m<sup>3</sup> the following coverage should be obtained per bale.

Cavity Width (mm)									
50	55	60	65	70	75	80	90	100	125
Coverage (m <sup>2</sup> /bale**)									
18.40	16.80	15.40	14.20	13.20	12.30	11.50	10.20	9.20	7.40

\*\* Coverage calculation rounded to nearest 0.1m<sup>2</sup>/bale.

**28 packs per pallet.**  
**Nominal weight per bale = 16.60kg**  
**Product Code = 1028A**

## Thermal Performance

Superwhite 40 has a declared thermal conductivity of 0.040W/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 - Environmental Management Systems (EMS).
- Contains no ozone-depleting substances or greenhouse gases.
- Generic BRE Green Guide Rating of A+.
- A copy of the Environmental Product Declaration (EPD) can be downloaded from the Superglass website.

## 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 Thermal insulation products - Evaluation of conformity.

## Quality

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

Cavity Width (mm)									
50	55	60	65	70	75	80	90	100	125
R-Value (m <sup>2</sup> K/W)									
1.25	1.35	1.50	1.60	1.75	1.85	2.00	2.25	2.50	3.10

## 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 1, it will resist any water transfer across the cavity to the inner leaf.

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

## Certification

- UKCA certified to BS EN 14064-1: 2010.
- A copy of the Superwhite 40 Declaration of Performance (DoP) ref: UKCA0017 can be downloaded from the Superglass website.

## Guarantee

Superwhite 40 has a 10 year guarantee.

## Associated Products

Superwhite 34



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