

Superwhite Loft Blowing Wool

May 2016



Description

Superglass Superwhite Loft is a glass mineral wool blown loft insulation with a water repellent additive to enhance its resistance to moisture. Installed by professional insulation contractors to a minimum density of 16kg/m³ the product will have a declared Lambda 90/90 value of 0.042W/mK.

Application

Superglass Superwhite Loft is designed specifically to provide thermal and acoustic insulation in new or existing loft/cold roof spaces of up to 500mm, in particular hard to treat lofts where conventional rolls can't be easily installed.

Installation

Most mineral wool blowing machines can be used to install Superwhite Loft under the supervision of a professional company.

Settlement Class

Superglass Superwhite Loft has undergone settlement testing in accordance with BS EN 14064-1: 2010 and given a settlement class of S1.



Thermal Insulation
Superwhite Loft has a thermal conductivity of 0.042W/mK.



Settlement Class
Superwhite Loft has a settlement class of S1.



Recycled Content
Superwhite Loft is manufactured from up to 84% recycled glass bottles.



BRE Green Guide Rating
Superwhite Loft has a Generic BRE Green Guide Rating of A+.



Fire Performance
Superwhite Loft has a fire classification of A1 non-combustible.

Product performance chart for loft applications

Declared Thermal Resistance Rd (m ² K/W)	Minimum installed thickness to achieve declared thermal resistance (mm)	Minimum installed thickness declared (mm)	Minimum Coverage (kg/m ²)	Minimum Bag Usage per 100m ²
2.00	84	85	1.4	8.1
2.50	105	105	1.7	10.1
3.00	126	130	2.1	12.1
3.50	147	150	2.4	14.2
4.00	168	170	2.7	16.2
4.50	189	190	3.1	18.2
5.00	210	210	3.4	20.2
5.50	231	235	3.7	22.3
6.00	252	255	4.1	24.3
6.50	273	275	4.4	26.3
7.00	294	300	4.8	28.3
7.50	315	315	5.1	30.4
8.00	336	340	5.4	32.4

33 packs per pallet.

Minimum installed thickness declared is rounded to the nearest highest 5mm.

Minimum coverage is rounded to the nearest higher 0.1 kg/m².

Minimum bag usage is rounded to the nearest 0.1 of a bag.

Thermal Performance

Superwhite Loft Blowing Wool has a thermal conductivity of 0.042W/mK when tested to BS EN 14064-1: 2010 (Lambda 90/90).

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 9001:2008.

Standards

Superwhite Loft is manufactured in accordance with BS EN 14064-1: 2010 for In-situ formed loose-fill mineral wool products and BS EN 13172: 2012 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

Superwhite Loft 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 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. A copy of the Superwhite Loft Declaration of Performance (DoP) ref: DOP0023 can be downloaded from the Superglass website.

Superglass Insulation Limited

Thistle Industrial Estate, Kerse Road, Stirling, Scotland FK7 7QQ

Technical

Hotline: **0844 381 4022**

Email: technical@superglass.co.uk

Fax: **01786 451245**

Sales

Tel: **01786 451170**

Email: sales@superglass.co.uk

Fax: **01786 451245**

Follow us on:

www.facebook.com/superglassinsulationltd

www.twitter.com/superglassins

www.linkedin.com/company/superglass-insulation-ltd

www.pinterest.com/superglassins

[superglass_insulation](https://www.instagram.com/superglass_insulation)

For further information or alternative dimensions please contact the Technical Department.
Please note - all dimensions are nominal.

Your insulation team
Superglass