

Superwhite Loft Blowing Wool

Data Sheet | June 2014

Loft Blowing Wool for Retrofit and New Build Applications

Superwhite Loft Blowing Wool is a loose blowing wool product with a water repellent additive to enhance its resistance to moisture and can be installed in cold loft spaces of up to 500mm. With a recycled content of up to 84%, Superglass Loft Blowing Wool transforms glass that would normally be sent to landfill as waste into one of the most environmentally friendly energy saving insulation products around. Installed by professional insulation contractors to a density of 16kg/m³ the product will have a lambda 90/90 declared value of 0.042 W/mk.

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	84	85	1.4	8.1
2.5	105	105	1.7	10.1
3	126	130	2.1	12.1
3.5	147	150	2.4	14.2
4	168	170	2.7	16.2
4.5	189	190	3.1	18.2
5	210	210	3.4	20.2
5.5	231	235	3.7	22.3
6	252	255	4.1	24.3
6.5	273	275	4.4	26.3
7	294	300	4.8	28.3
7.5	315	315	5.1	30.4
8	336	340	5.4	32.4



Value for Money



Thermal Performance
0.042W/mK



BRE Green Guide Rating



Recycled Glass Bottles



A1 Non-combustible

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.

Superwhite Loft Blowing Wool has undergone settlement testing in accordance with EN 14064-1. It has a settlement class of S1 making this product ideally suited to help meet the energy performance requirements of new and existing buildings, in particular hard to treat awkward lofts where conventional rolls can't be easily or quickly installed.

[teamworks]

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Your insulation team
Superglass

Environmental

Superwhite Loft Blowing Wool is classified as having zero ODP (Ozone Depletion Potential) and zero GWP (Global Warming Potential). They are also CFC and HCFC free.

Durability

Superwhite Loft Blowing Wool is non-hygroscopic, will not rot, degrade or sustain vermin and will not encourage the growth of mould, bacteria or fungi.

Standards

Superwhite Loft Blowing Wool is manufactured in accordance with BS EN 13162: 2012, BS EN 13172: 2012 and ISO 9001 Quality Management Systems. Also manufactured to comply with the requirements of CE Marking 93/68/EEC.

Fire Classification

Superwhite Loft Blowing Wool is classified as non-combustible with a Reaction to Fire Classification A1 when tested to BS EN 13501-1.

Vapour Resistance

Superwhite Loft Blowing Wool possess negligible vapour resistance allowing vapour to pass freely through the insulation.

Handling & Storage

Superwhite Loft Blowing Wool is supplied compression packed in polythene to provide short term protection and for long term protection, the product must be stored indoors or under a waterproof covering in order to protect against weather damage. Superwhite Loft Blowing Wool should not be left permanently exposed to the elements.

Installation

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

Superglass Certification



Product Designation Code: MW EN 14064-1-S1-WS-MU1
