

Superwall 32

May 2016



Description

Superglass Superwall 32 is a British Board of Agrément (BBA) approved, non-combustible and water repellent glass mineral wool insulation cavity wall batt. The flexible batt is supplied at 455mm wide to allow easy installation between standard vertical wall tie spacings and minimum on-site cutting and waste.

Application

Superglass Superwall 32 is designed to provide thermal insulation in full-fill or partial fill external masonry cavity walls up to 25m in height. Superwall 32 is BBA approved for use in all UK exposure zones (subject to conditions detailed in the BBA Certificate and NHBC Standards).



Thermal Insulation

Superwall 32 has a thermal conductivity of 0.032W/mK.



Recycled Content

Superwall 32 is manufactured from up to 84% recycled glass bottles.



BRE Green Guide Rating

Superwall 32 has a Generic BRE Green Guide Rating of A+.



Fire Performance

Superwall 32 has a fire classification of A1 non-combustible.

Superwall 32

Product dimensions and information							
Thickness (mm)	Length (mm)	Width (mm)	Batts per pack	Pack Area (m ²)	R-Value (m ² K/W)	Packs per pallet	Code
75	1200	455	8	4.37	2.30	30	5840C1
85	1200	455	8	4.37	2.65	30	5841C1
100	1200	455	6	3.28	3.10	30	5842C1
125	1200	455	4	2.18	3.90	30	5846C1
150	1200	455	5	2.73	4.65	20	5864

U-Values				
Insulation Thickness (mm)	Blockwork			
	Dense block (1.13W/mK)	Medium block (0.45W/mK)	Standard Aircrete (0.15W/mK)	Lightweight Aircrete (0.11W/mK)
75	0.34	0.33	0.29	0.28
85	0.31	0.30	0.27	0.26
100	0.27	0.26	0.24	0.23
125	0.22	0.22	0.20	0.20
150	0.19	0.19	0.17	0.17

Typical u-values (W/m²K) achieved when using brick outer leaf/full fill cavity/100mm block inner leaf/plasterboard on dabs

Thermal Performance

Superwall 32 has a thermal conductivity of 0.032W/mK.

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

Superglass products are manufactured in accordance with BS EN 13162:2012 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.

Moisture Resistance

Tests by the BBA confirm that Superwall 32 will not transmit water to the inner leaf. Please refer to the BBA Certificate for more information.

Handling & Storage

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 13162:2012.

A copy of the Superwall 32 Declaration of Performance (DoP) ref: DOP0002 can be downloaded from the Superglass website.

Superwall 32 is BBA certified for all UK exposure zones. See certificate number 89/2231: Product Sheet 3 for more details.

Associated Products

Superwall 34
Superwall 36
Superwall Roll 36

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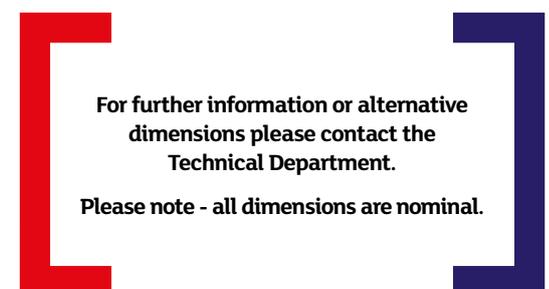
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Superglass