

Superwall 36

May 2018 | Data Sheet

Typical application: External Masonry Walls



Cavity Walls - Insulating between inner and outer leaves



Description

Superglass Superwall 36 is designed to provide thermal insulation in full-fill or partial-fill external masonry cavity walls, up to 25m in height for full-fill and with no height restriction in partial-fill (additional requirements apply for buildings above 12 metres in height for full-fill and above 25 metres in height for partial-fill). Superwall 36 is BBA approved for use in all UK exposure zones (subject to conditions detailed in the BBA Certificate and NHBC Standards).

Application

Superglass Superwall 36 is designed to provide thermal insulation in full-fill or partial-fill external masonry cavity walls, up to 25m in height for full-fill and with no height restriction in partial-fill (additional requirements apply for buildings above 12 metres in height for full-fill and above 25 metres in height for partial-fill). Superwall 36 is BBA approved for use in all UK exposure zones (subject to conditions detailed in the BBA Certificate and NHBC Standards).

Product dimensions and information							
Thickness (mm)	Length (mm)	Width (mm)	Batts per pack	Pack Area (m ²)	R-Value (m ² /KW)	Packs per pallet	Code
50	1200	455	16	8.74	1.35	30	5267C1*
65	1200	455	12	6.55	1.80	30	5268C1*
75	1200	455	10	5.46	2.05	30	5269C1
85	1200	455	9	4.91	2.35	30	5270C1
90	1200	455	9	4.91	2.50	20	5274*
100	1200	455	8	4.37	2.75	30	5271C1
110	1200	455	8	4.37	3.05	20	5276*
115	1200	455	8	4.37	3.15	20	5283*
120	1200	455	7	3.82	3.30	20	5275*
125	1200	455	7	3.82	3.45	30	5272C1
130	1200	455	7	3.82	3.60	20	5281*
140	1200	455	6	3.28	3.85	20	5278*
150	1200	455	6	3.28	4.15	30	5273C1

Please note - all dimensions are nominal.

*Non-Standard Products

A+

BRE Green Guide Rating

Superwall 36 has a generic BRE Green Guide Rating of A+.



Fire Performance

Superwall 36 has a fire classification of A1 non-combustible. The highest possible rating.



Thermal Insulation

Superwall 36 has a thermal conductivity of 0.036W/mK.



Recycled Content

Superwall 36 is manufactured from up to 84% recycled glass.



Easy & Quick To Install

Manufactured to allow for quick and easy installation.

Superwall 36 | Characteristics

Thermal Performance

Superwall 36 has a declared thermal conductivity of 0.036W/mK.

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 13162:2012(+A1:2015) Thermal insulation products for buildings - Factory made mineral wool (MW) products
- BS EN 13172: 2012 Thermal insulation products - Evaluation of conformity.

Quality

All Superglass products are manufactured in accordance with BS EN ISO 9001:2008 - 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.



Vapour Resistance

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

Moisture Resistance

Tests by the BBA confirm that Superwall 36 will not transmit water to the inner leaf. Nor will it transmit moisture by capillary action across the cavity or from below damp proof course level. Please refer to the BBA Certificate for more information.

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 13162:2012(+A1:2015).
- Designation Code = MW-13162-T2.
- A copy of the Superwall 36 Declaration of Performance (DoP) ref: DOP0006 can be downloaded from the Superglass website.
- Superwall 36 is BBA certified for all UK exposure zones. See certificate number 89/2231: Product Sheet 2 for more details.

Associated Products

Superwall 32 | Superwall 34

Building Information Modelling (BIM)

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

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Your insulation team
Superglass

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