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Supafil 34

For masonry cavity walls

Description

Supafil 34 Cavity Wall Insulation is an unbonded, non-combustible glass mineral wool insulation which requires no mixing on site.

Certification

The British Board of Agrément Certificate for Supafil 34 Cavity Wall Insulation approves the application and installation procedure for this product.

This product complies with the relevant sections of the:

- Building Regulations (England and Wales)
- Building Standards (Scotland)
- Building Regulations (Northern Ireland)

The certificate covers use in masonry cavity walls with a minimum 90 mm cavity width, up to 25m in height, subject to conditions within the BBA certificate, and in any exposure zone.

Environmental

Supafil 34 Cavity Wall Insulation conserves energy and therefore assists in reducing demand for fuels for the heating and air-conditioning of buildings. As a result, it reduces the emissions of the major greenhouse gas, CO₂. The energy and CO₂

Performance

Thermal

Supafil 34 Cavity Wall Insulation has a thermal conductivity of 0.034W/mK when tested to BS EN 14064 (Lambda 90/90)

Fire

Supafil 34 Cavity Wall Insulation is classified as Euroclass A1 to BS EN ISO 13501-1

Benefits

- Lambda 90/90
- Low thermal conductivity
- Tried and tested Supafil technology
- Rigorously tested by the BBA
- Nationwide network of approved installers
- Low environmental impact
- 25 year guarantee
- Installed in any weather



Move Forward with Confidence



Supafil 34

emissions saved by the product in use vastly outweighs those generated in its manufacture.

- Glass Mineral Wool has an A+ rating in the BRE Green Guide to Specification
- Zero ODP
- Zero GWP
- Manufactured using recycled glass
- Compression packed to reduce vehicle movements and fuel related CO₂ emissions

Moisture resistance

Tests by the British Board of Agrément confirm that Supafil 34 Cavity Wall Insulation 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. This has been confirmed by independent research conducted for the Energy Saving Trust, which shows that cavity wall insulation does not add to the risk of water penetration.

Vapour resistance - resistivity

Supafil 34 offers negligible resistance to the passage of water vapour and has a vapour resistivity of 7.00 MN.s.g.m.

Handling and storage

Supafil 34 is supplied in polythene packs which are designed for short term protection only. For longer term protection on site, the product should either be stored indoors, or under cover and off the ground and should not be left permanently exposed to the elements.

Product	Weight per bale (kg)	Installed density (kg/m ³)	Thermal conductivity (W/mK)
Supafil 34	15.50	min. 25	0.034

All dimensions are nominal.

Cavity width (mm)	Declared thermal resistance (m ² K/W)	Minimum bag usage rate (bags per 100m ²)
90	2.60	14.52
100	2.90	16.13
125	3.65	20.16
150	4.40	24.19

The usage rate is based on an installed density of 25.00kg/m³

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