

Adapt Slab 35.

October 2024 | Data Sheet

Typical Applications.



Description.

Superglass Adapt Slab 35 is a non-combustible glass mineral wool insulation slab. The flexible slab is supplied at 400mm & 600mm widths to allow friction fitting between common stud/joist spacings minimising gaps at joints and reducing on-site cutting.

Application.

Superglass Adapt Slab 35 is designed to provide thermal and acoustic insulation in a wide range of applications including:

- Light gauge steel framing systems (between studs only)
- Party & separating walls
- Internal Walls
- External timber frame walls
- Internal & separating floors
- Suspended timber ground floors
- Warm pitched roofs.

Performance.

Thermal Conductivity:

Declared thermal conductivity (λ value) of 0.035W/mK.

Fire Classification:

Deemed non-combustible with a fire classification of Euroclass A1 (the highest possible rating) when tested to BS EN 13501-1 Reaction to Fire.



Acoustic
Insulation



Thermal
Insulation



Non-
combustible



Recycled
Glass Content

Intelligent Environments
Superglass

superglass.co.uk

Adapt Slab 35.

Technical Characteristics.

Product Specification.

| Thickness (mm) | Length (mm) | Width (mm) | Slabs per pack | Pack Area (m ²) | Packs per pallet | Thermal Conductivity (W/mK) | Thermal Resistance (m ² K/W) | Product Code |
|----------------|-------------|------------|----------------|-----------------------------|------------------|-----------------------------|---|--------------|
| 50 | 1200 | 600 | 16 | 11.520 | 20 | 0.035 | 1.40 | 2144950 |
| 70 | 1200 | 600 | 12 | 8.640 | 20 | 0.035 | 2.00 | 2144961 |
| 90 | 1200 | 600 | 10 | 7.200 | 20 | 0.035 | 2.55 | 2144962 |
| 100 | 1200 | 600 | 8 | 5.760 | 20 | 0.035 | 2.85 | 2144963 |
| 140 | 1200 | 600 | 6 | 4.320 | 20 | 0.035 | 4.00 | 2144964 |
| 150 | 1200 | 600 | 6 | 4.320 | 20 | 0.035 | 4.25 | 2144965 |

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|----------------|-------------|------------|----------------|-----------------------------|------------------|-----------------------------|---|--------------|
| 100 | 1200 | 400 | 8 | 3.840 | 36 | 0.035 | 2.85 | 2144966 |
| 140 | 1200 | 400 | 6 | 2.880 | 36 | 0.035 | 4.00 | 2144967 |

Please note that all dimensions are nominal.

Additional Information.

Vapour Resistivity.

The product has a nominal vapour resistivity of 5 MNs/gm.

Environmental credentials.

- ISO 14001 - Environmental Management Systems (EMS) certified. Certificate number: EMS 646508
- Contains no ozone-depleting substances or greenhouse gases. For more information, please refer to the Environmental Product Declaration (EPD).
- Manufactured from up to 84% recycled glass.
- Generic BRE Green Guide Rating of A+.

Standards and Approvals.

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.
- BS EN ISO 9001 - Quality Management Systems (QMS). Certificate number: FM 02264.

Certifications.

- UKCA certified to BS EN 13162:2012+A1:2015. Certificate number: 0086 CPR 469699.
- CE marked to EN 13162:2012+A1:2015. Certificate number: 0751-CPR-399.0-01.

Handling & Storage.

The product 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 and off the ground to protect from weather damage. The product should not be left permanently exposed to the elements.

All Superglass products are non-hygroscopic, will not rot, degrade, or sustain vermin and will not encourage the growth of mould, bacteria, or fungi.



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