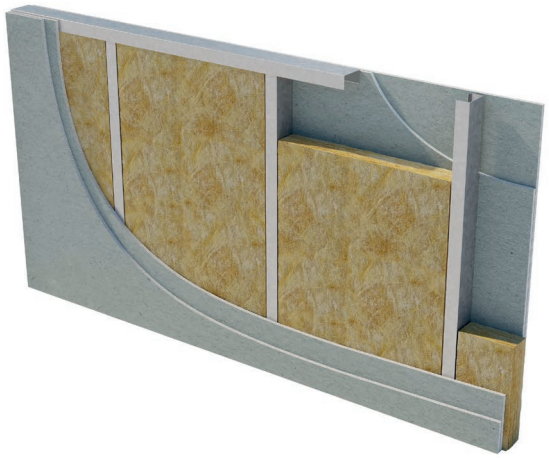
Multi Purpose Acoustic Slab.

November 2023 | Data Sheet



Description.

Superglass Multi Purpose Acoustic Slab is a non-combustible glass mineral wool insulation slab. The flexible slab is supplied at 600mm width to allow easy installation between common stud/joist spacings minimising gaps at joints and reducing on-site cutting.

Application.

Superglass Multi Purpose Acoustic Slab is designed to provide thermal and acoustic insulation in a wide range of timber & metal applications including:

- Light steel framing systems (between studs only)
- Internal walls and floors
- Separating walls and floors
- Timber and metal stud partitions
- Timber frame roofs and floors

Performance.

Density:
Manufactured at a nominal density of 22kg/m^3.

Thermal Conductivity:
Declared thermal conductivity (lambda (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.

Typical applications:
Multi-Application use.

Acoustic Insulation

Thermal Insulation

Non-combustible

Easy to Install

Recycled Content (up to 84%)

Intelligent Environments Superglass

superglass.co.uk

Multi Purpose Acoustic Slab.

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^2K/W)	Product Code
50	1200	600	16	11.520	16	0.035	1.40	5263
70	1200	600	12	8.640	16	0.035	2.00	5261
75	1200	600	12	8.640	16	0.035	2.10	5264
100	1200	600	8	5.760	16	0.035	2.85	5265
150	1200	600	4	2.880	16	0.035	4.25	5259

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.

A copy of the product Declaration of Performance (DoP) can be downloaded from the Superglass website.

Handling & Storage.

Due to its physical characteristics, Multi Purpose Acoustic Slab is quick and easy to handle and install.

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.

UKCA CE bsi. ISO 14001:2015 Environmental Management bsi. ISO 9001 Quality Management BRE Global Verified EPD MADE IN BRITAIN® NBS Source Manufacturer Partner

Intelligent Environments Superglass

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