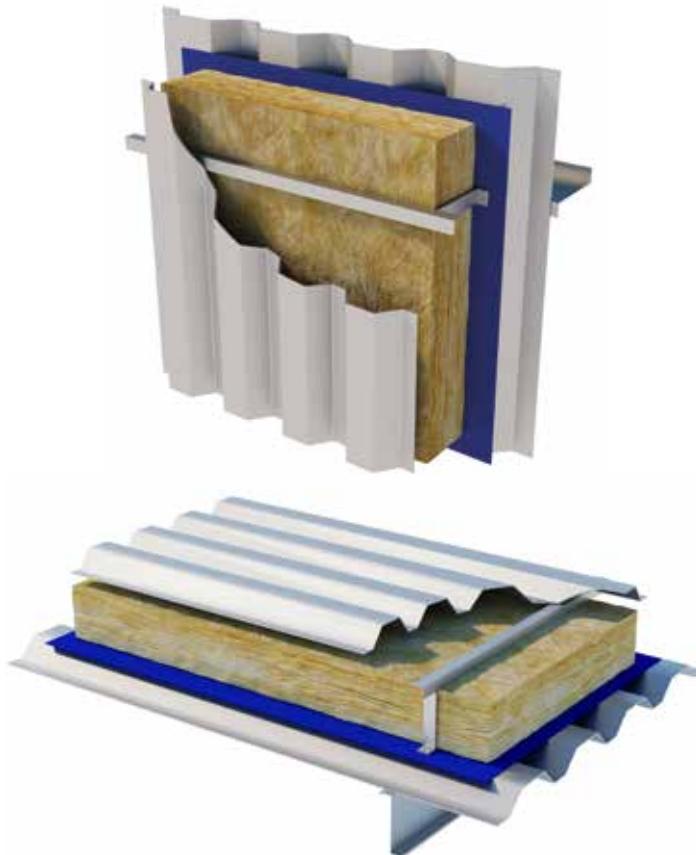


Cladding Mat 40.

March 2025 | Data Sheet



Description.

Superglass Cladding Mat 40 is a non-combustible glass mineral wool insulation roll. The roll is supplied 1200mm wide to suit commonly used rail and bracket systems.

Application.

Superglass Cladding Mat 40 is designed to provide thermal and acoustic insulation in the walls and roofs of twin skin profiled metal clad systems and portable & modular buildings.

Performance.

Thermal Conductivity:

Declared thermal conductivity (lambda (λ) value) of 0.040W/mK.

Fire Classification:

Deemed non-combustible with a fire classification of Euroclass A1 (the highest possible rating) when tested to BS EN 13501-1:2018 Reaction to Fire.



Typical applications:

Twin skin profiled metal clad systems.



Thermal
Insulation



Non-
combustible



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Cladding Mat 40.

Technical Characteristics.

Product Specification.

Thickness (mm)	Length (m)	Width (mm)	Pack Area (m ²)	Packs per pallet	Thermal Conductivity (W/mK)	Thermal Resistance (m ² K/W)	Product Code
60	16.00	1200	19.200	24	0.040	1.50	2144217
80	12.10	1200	14.520	24	0.040	2.00	2144265
90	10.65	1200	12.780	24	0.040	2.25	2144264
100	9.95	1200	11.940	24	0.040	2.50	2144263
120	8.05	1200	9.660	24	0.040	3.00	2144262
140	7.00	1200	8.400	24	0.040	3.50	2144261
150	6.50	1200	7.800	24	0.040	3.75	2144387
160	6.05	1200	7.260	24	0.040	4.00	2144250
180	5.45	1200	6.540	24	0.040	4.50	2144249
200	4.60	1200	5.520	24	0.040	5.00	2144248
220	3.20	1200	3.840	24	0.040	5.50	2144214
230	3.10	1200	3.720	24	0.040	5.75	2144342
240	3.00	1200	3.600	24	0.040	6.00	2144215
260	3.00	1200	3.600	24	0.040	6.50	2144351
280	2.80	1200	3.360	24	0.040	7.00	2144369

Please note that all dimensions are nominal.

Additional Information.

Vapour Resistivity.

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

Environmental Credentials.

- Our products and their pallets are wrapped in low-density polyethylene (LDPE4) plastic, which contains a minimum 30% recycled material and is fully recyclable. Before recycling, please consult your local authority for guidance.
- ISO 14001:2015 – Environmental Management Systems (EMS) certified. Certificate number: EMS 646508.
- Contains no ozone-depleting substances or greenhouse gases.
- Manufactured from up to 84% recycled glass.
- Generic BRE Green Guide Rating of A+.

For more information, please refer to the Environmental Product Declaration (EPD).

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.
- ISO 9001:2015 – 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.
- CCPI (Code for Construction Products Information) Assessment Mark. Certificate number: 005800128/0227.

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

EUCEB (European Certification Board of Mineral Wool Products).

All Superglass glass mineral wool products are made of non-classified fibres and are certified by EUCEB. EUCEB is a voluntary initiative by the mineral wool industry. It is an independent certification authority that guarantees that products are made of fibres which comply with the exonerations criteria for carcinogenicity (Note Q) of the Regulation (EC) 1272/2008. Certificate number: BEUC-511-27949-491-14462.

Handling & Storage.

The product should be stored properly and handled in such a way as to ensure that the product remains clean and undamaged.

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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