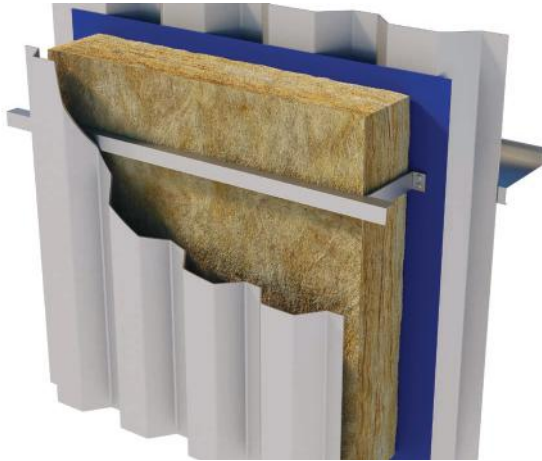


Cladding Mat 40

July 2023
Data Sheet

Typical applications: Metal clad roofs and walls

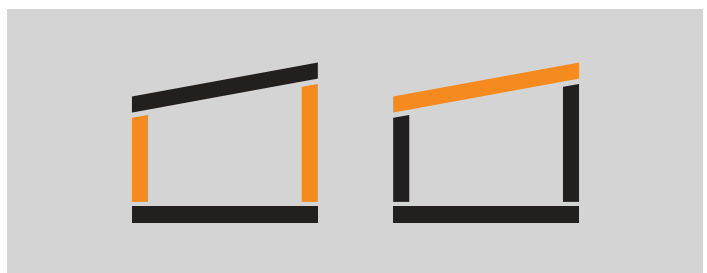


Description

Superglass Cladding Mat 40 is a resilient, medium dense and non-combustible glass mineral wool insulation roll with exceptional durability and high tear strength. The roll is supplied 1200mm wide to allow quick installation and minimum on-site cutting and waste.

Application

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



**Environmental
Performance**

Cladding Mat 40 has a generic BRE Green Guide Rating of A+.



Fire Safe

Cladding Mat 40 has a fire classification of A1 (the highest possible rating) when tested to BS EN 13501-1 Reaction to Fire.



Thermal

Cladding Mat 40 has a thermal conductivity of 0.040W/mK.



**Recycled
content**

Cladding Mat 40 is manufactured from up to 84% recycled glass.



**Easy to
install**

Lightweight for ease of installation.

Cladding Mat 40

Characteristics

Product dimensions and information

Thickness (mm)	Length (m)	Width (mm)	Pack Area (m ²)	R-Value (m ² K/W)	Packs per pallet	Code
60	16.00	1200	19.200	1.50	24	3085
80	12.10	1200	14.520	2.00	24	3578
90	10.65	1200	12.780	2.25	24	3577
100	9.95	1200	11.940	2.50	24	3576
120	8.05	1200	9.660	3.00	24	3575
140	7.00	1200	8.400	3.50	24	3574
150	6.50	1200	7.800	3.75	24	6112
160	6.05	1200	7.260	4.00	24	3573
180	5.45	1200	6.540	4.50	24	3572
200	4.60	1200	5.520	5.00	24	3571
220	3.20	1200	3.840	5.50	24	3020
230	3.10	1200	3.720	5.75	24	6039
240	3.00	1200	3.600	6.00	24	3021
260	3.00	1200	3.600	6.50	24	6049
280	2.80	1200	3.360	7.00	24	6079

Please note all dimensions are nominal

Thermal Performance

Cladding Mat 40 has a declared thermal conductivity of 0.040W/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 - Environmental Management Systems (EMS).
- Contains no ozone-depleting substances or greenhouse gases.
- Generic BRE Green Guide Rating of A+.
- A copy of the Environmental Product Declaration (EPD) can be downloaded from the Superglass website.

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 Thermal insulation products for buildings - Factory made mineral wool (MW) products.
- BS EN 13172 Thermal insulation products - Evaluation of conformity.

Quality

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

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

Certification

- UKCA & CE Mark certified to BS EN 13162:2012+A1:2015.
- A copy of the product Declaration of Performance (DoP) can be downloaded from the Superglass website.

Associated Products

Cladding Mat 32 | Cladding Mat 35 | Cladding Mat 37



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