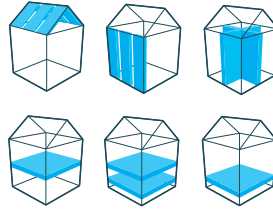


OMNIFIT® SLAB 35

January 2022



APPLICATIONS



DESCRIPTION

Knauf Insulation OmniFit® Slab 35 is a Glass Mineral Wool slab, designed for use in multiple applications in both timber and steel frame construction, that offers thermal and acoustic performance. It is non-combustible with the best possible Euroclass A1 reaction to fire classification, and is manufactured using Knauf Insulation's unique bio-based binder, ECOSE® Technology.

PERFORMANCE

Thermal

Thermal conductivity: 0.035 W/mK

Fire

Classification: Euroclass A1 to BS EN 13501-1

Vapour resistivity

Water vapour resistivity: 5.00 MNs/g.m

BENEFITS

- ✓ Multi-purpose product which can be used to insulate a wide range of applications, meaning less products on a vehicle and on-site.
- ✓ Manufactured size allows friction fitting between common stud centres without any cutting and waste on-site.

SPECIFICATIONS

Thickness (mm)	Thermal conductivity (W/mK)	Thermal resistance (m ² K/W)	Length (mm)	Width (mm)	Slabs per pack	Area per pack (m ²)	Packs per pallet	Product code
150	0.035	4.25	1200	600	4	2.880	32	587280
140	0.035	4.00	1200	600	4	2.880	36	474342
100	0.035	2.85	1200	600	6	4.320	32	474340
90	0.035	2.55	1200	600	6	4.320	36	474337
75	0.035	2.10	1200	600	8	5.760	32	587268
70	0.035	2.00	1200	600	8	5.760	32	474334
50	0.035	1.40	1200	600	12	8.640	24	474329
140	0.035	4.00	1200	400	4	1.920	48	474318
100	0.035	2.85	1200	400	6	2.880	42	474314
50	0.035	1.40	1200	400	12	5.760	36	474293

CERTIFICATIONS, CLASSIFICATIONS AND INDUSTRY STANDARDS



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ADDITIONAL INFORMATION

Durability

OmniFit® Slab 35 is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Application

OmniFit® Slab 35 is typically used for the thermal and acoustic insulation of a wide variety of constructions such as timber and metal stud partitions, timber frame walls, between rafters and timber floors.

Standards and certification

OmniFit® Slab 35 is manufactured in accordance with BS EN 13162, ISO 50001 Energy Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management systems, as certified by TÜV Nord. All our Glass Mineral Wool products have been awarded the DECLARE 'Red List Free' label. Having the 'Red List Free' label means that there are no ingredients in the product that are on the red list - including formaldehyde or phenol.

Environmental

OmniFit® Slab 35 contains no ozone-depleting substances or greenhouse gases. For further environmental information consult the relevant Environmental Product Declaration, available on our website.

Real performance

Glass and Rock Mineral Wool are easier to install correctly than other insulants such as rigid boards because they adapt to any slight imperfections in the substrate and knit together, eliminating any air gaps. Evidence shows the absence of air gaps is crucial to achieving real performance in the relevant application.

Handling and storage

OmniFit® Slab 35 is easy to handle and install, being lightweight and easily cut to size, where necessary. OmniFit® Slab 35 is supplied in recyclable polythene packs (4-LDPE) 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. OmniFit® Slab 35 should not be left permanently exposed to the elements.



ECOSE® Technology is our unique bio-based binder, that is used in the manufacture of all of our Glass Mineral Wool products and the majority of our Rock Mineral Wool products, to bind insulation strands together. ECOSE® Technology contains no added formaldehyde or phenol. It is made from natural raw materials that are rapidly renewable and is 70% less energy-intensive to manufacture than traditional binders, so it is more environmentally-friendly. Products made with ECOSE® Technology are soft to touch and easy to handle. They generate low levels of dust and VOCs and have been awarded the Eurofins Gold Certificate for Indoor Air Comfort.

Knauf Insulation Ltd

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challenge.
create.
care.