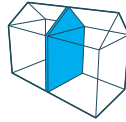


TIMBER FRAME PARTY WALL SLAB

June 2021



APPLICATIONS



DESCRIPTION

Knauf Insulation Timber Frame Party Wall Slab is a Glass Mineral Wool slab, designed for use in timber frame separating party walls, 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

Fire

Classification: Euroclass A1 to BS EN 13501-1.

Vapour resistivity

Water vapour resistivity: 5.00 MNs/g.m.

BENEFITS

- ✓ Fully filling the party wall cavity contributes towards a zero effective U-value, simplifying compliance with building regulations.
- ✓ Suitable for use with a range of constructions registered in the Robust Details Handbook reducing the need for on-site acoustic testing.

SPECIFICATIONS

Thickness (mm)	Density (kg/m ³)	Thermal resistance (m ² K/W)	Length (mm)	Width (mm)	Slabs per pack	Area per pack (m ²)	Packs per pallet	Product code
85	18.00	2.35	1200	600	12	8.640	22	2441340
60	18.00	1.65	1200	600	16	11.520	22	2441338

All dimensions are nominal

CERTIFICATIONS, CLASSIFICATIONS AND INDUSTRY STANDARDS



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ADDITIONAL INFORMATION

Durability

Timber Frame Party Wall Slab is odourless, rot proof, non-hygroscopic, does not sustain vermin and will not encourage the growth of fungi, mould or bacteria.

Application

Timber Frame Party Wall Slab is used for the thermal and acoustic insulation of timber frame party wall cavities and is friction fitted between the timber frames. The product can be used as part of a full fill solution to achieve a zero effective U-value within SAP 2009.

Standards and certification

Timber Frame Party Wall Slab 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.

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.

Environmental

Timber Frame Party Wall Slab contains no ozone-depleting substances or greenhouse gases. For further environmental information consult the relevant Environmental Product Declaration, available on our website.

Handling and storage

Timber Frame Party Wall Slab is easy to handle and install, being lightweight and easily cut to size, where necessary. Timber Frame Party Wall Slab 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. Timber Frame Party Wall Slab 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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