



PRODUCT DESCRIPTION

Timber Frame Party Wall Slab is a glass mineral wool slab, designed for use in timber frame 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 our unique bio-based binder, ECOSE® Technology.

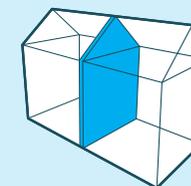
BENEFITS

- Designed to fully fill the party wall cavity to prevent party wall thermal bypass, contributing towards a zero effective U-value.
- Suitable for use with a range of constructions registered in the Robust Details Handbook reducing the need for on-site acoustic testing.

CERTIFICATION



APPLICATIONS



Separating (Party) Walls Built-In



NON-COMBUSTIBLE
INSULATION



PERFORMANCE

TIMBER FRAME PARTY WALL SLAB

FIRE CLASSIFICATION

A1	A2 s1, d0	B	C
D	E	F	

Euroclass reaction to fire classification

GENERIC BRE GREEN GUIDE RATING

A+	A	B	C
D	E		

VAPOUR RESISTIVITY

5.00 MNs/g.m

Thickness (mm)	Density (kg/m ³)	Length (mm)	Width (mm)	Slabs per pack	Area per pack (m ²)	Packs per pallet	Pallet product code
85	18.00	1200	600	12	8.640	22	2441340
60	18.00	1200	600	16	11.520	22	2441338

All dimensions are nominal.

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.

Standards and certification

Timber Frame Party Wall Slab has a product declaration made in conformity with the requirements of BS EN 13162 and are manufactured in accordance with ISO 50001 Energy Management Systems, ISO 14001 Environmental Management Systems, ISO 45001 Occupational Health and Safety Management Systems and ISO 9001 Quality Management Systems.

All of our mineral wool products are made of non-classified fibres and are certified by EUCEB. EUCEB (European Certification Board of Mineral Wool Products - www.euceb.org) 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 exoneration criteria for carcinogenicity (Note Q) of the Regulation (EC) 1272/2008.

System Testing

Knauf Insulation maintains declared product characteristics and qualities which are defined in detail in its Declaration of Performances (DoPs) and product literature. The product literature also includes information relating to Knauf Insulation's requirements and recommendations for installation of its products when being used as part of a system.

Any party using, or planning to use, our products in a system (with or without system testing) where performance may be dependent on product characteristics not declared on our DoPs or our product literature, must contact our Technical Service Team.

Knauf Insulation will not accept liability for any failure in system performance due to product characteristics not declared on DoPs or product literature, or not agreed in a Service Level Agreement. In such an event, any warranty given in relation to those products will be invalidated.

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. Mineral wool is engineered to adapt to any imperfections, and any settlement/movement over time, so it maintains close contact and preserves thermal performance for the life of the building.

Evidence shows the absence of air gaps is crucial to achieving real performance in the relevant application. Any insulation material that doesn't deliver 'as-built' thermal performance is failing in its primary purpose, and therefore presents an unnecessary risk as the construction industry seeks to close the performance gap.

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. The product will have a life equivalent to that of the wall structure in which it is incorporated.

Sustainability

Timber Frame Party Wall Slab is manufactured using ECOSE® Technology, our unique bio-based binder, which is used 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. 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'.

All our glass mineral wool products have been awarded the DECLARE 'Red List Free' label. This allows product transparency disclosure that identifies where a product comes from, what it's made of, and where it goes at the end of its life. 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.

Our glass mineral wool is made with up to 80% recycled content (glass from windows, bottles and jars).

Timber Frame Party Wall Slab contains no ozone-depleting substances or greenhouse gases. The overall environmental performance of our products is reported in their EPDs (Environmental Product Declarations) which are available on our website. EPDs are available for all our products in accordance with ISO 14025, ISO 21930 and EN 15804+A2.

Our 3-tier industry-leading compression-packaging technology allows us to load more products onto each truck that leaves our factories. This means less packaging used per m² of insulation, fewer vehicles on the roads, so less associated CO₂ emissions. It also means less handling and storage space required for our customers.

Our individual products and the pallets they sit on are wrapped in low-density polyethylene (LDPE4) plastic, which is made of 30-50% (depending on the supplier) recycled plastic content and is fully recyclable.

Handling and Storage

Timber Frame Party Wall Slab should be stored properly and handled in such a way as to ensure that the product remains clean and undamaged.

The polythene packs / shrink-wrapped pallets used for the supply of Timber Frame Party Wall Slab 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.

If the main hood is removed or damaged, the remaining packs should be kept under cover indoors or protected from the elements by a weatherproof cover. In coastal locations where weather is more extreme and bird damage is more common, use additional covering or store indoors.

The product must be protected from prolonged exposure to sunlight, and stored dry and flat.

Timber Frame Party Wall Slab is light and easy to handle; care should be exercised to avoid crushing its edges or corners. If damaged, the product should be discarded. Damaged, contaminated or wet products must not be used.

During construction exposed areas of slabs should always be covered at the end of a day's work or in heavy rain. Polyethylene covers should be used to provide protection and prevent work from becoming saturated.

Knauf Insulation Ltd

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