

EARTHWOOL TIMBER FRAME PARTY WALL SLAB

March 2018



APPLICATIONS



DESCRIPTION

Timber Frame Party Wall Slab is a full fill thermal and acoustic solution for use in timber cavity party walls between adjoining apartments, semi-detached and terraced houses. This product can be used as part of a solution to achieve zero effective U-Values in party walls within SAP.

PERFORMANCE

Fire

Classification: EUROCLASS A1 to BS EN 13501-1.

Vapour resistivity

Water vapour resistivity: 5.00MN_s/g.m.

BENEFITS

- ✓ Euroclass A1 non-combustible
- ✓ Can be used as part of a full fill solution to achieve a zero effective U-value
- ✓ Easy to handle and install
- ✓ Water repellent

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)
85	18.00	2.35	1200	600	12	8.64
60	18.00	1.65	1200	600	16	11.52

All dimensions are nominal

CERTIFICATION



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ADDITIONAL INFORMATION

Durability

Earthwool 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

Earthwool Timber Frame Party Wall Slabs are used for the thermal and acoustic insulation of timber frame party wall cavities and are 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

Earthwool Timber Frame Party Wall Slab is manufactured in accordance with BS EN 13162, ISO 50001 Energy Management Systems, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas.

Environmental

Earthwool Timber Frame Party Wall Slab represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

Vapour resistivity

Earthwool Timber Frame Party Wall Slab offers negligible resistance to the passage of water vapour and has a water vapour resistivity of 5.00 MNs/g.m.

Handling and storage

Earthwool Timber Frame Party Wall Slab is easy to handle and install, being lightweight and easily cut to size, where necessary. It is supplied in polythene packs 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. Earthwool Timber Frame Party Wall Slab should not be left permanently exposed to the elements.



Knauf Insulation mineral wool products made with ECOSE Technology® benefit from a no added formaldehyde binder, which is up to 70% less energy intensive than traditional binders and is made from rapidly renewable bio-based materials instead of petroleum-based chemicals. The technology has been developed for Knauf Insulation's glass and rock mineral wool products, enhancing their environmental credentials without affecting the thermal, acoustic or fire performance. Insulation products made with ECOSE Technology® contain no dye or artificial colours.

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