



February 2016

Earthwool® Timber Frame Party Wall Slab

For timber frame party wall cavities

Description

Earthwool Timber Frame Party Wall Slab is a lightweight, flexible and non-combustible glass mineral wool slab, which is used as a full fill thermal and acoustic solution in timber frame party cavity walls between adjoining apartments, semi-detached and terraced houses.

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.

Performance

Density

Earthwool Timber Frame Party Wall Slab has a minimum density of 18kg/m³.

Fire

Earthwool Timber Frame Party Wall Slabs are classified as Euroclass A1 to BS EN 13501-1.

Acoustics

Earthwool Timber Frame Party Wall Slabs have excellent sound absorption characteristics.

Benefits

- Contains a water repellent additive
- Can be used as part of a full fill solution to achieve a zero effective U-value
- Range of thicknesses to suit common cavity widths
- Easy to handle and install with no gaps between adjacent slabs

Earthwool® Timber Frame Party Wall Slab

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.

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.

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.

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.

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.

Thickness (mm)	Density (kg/m ³)	Thermal resistance (m ² K/W)	Length (m)	Width (mm)	Area per pack (m ²)
Earthwool Timber Frame Party Wall Slab					
85	18.00	2.35	1200	600	8.64
60	18.00	1.65	1200	600	11.52

All dimensions are nominal

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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