



March 2010

Earthwool® Acoustic Party Wall Slab

For masonry party walls

Description

Earthwool Acoustic Party Wall Slab is a foil-faced semi-rigid non-combustible, glass mineral wool slab with a water repellent additive. It is 455mm wide to suit standard vertical wall tie spacings, ensuring a closed joint with adjacent slabs.

Application

Earthwool Acoustic Party Wall Slab has been developed as an acoustic insulant in masonry party walls aimed at removing the need for a wet-applied parge coat. The normal internal lining of plasterboard on dabs, applied directly to the bare block face is then the internal finish. Earthwool Acoustic Party Wall Slabs are installed partially filling the cavity in the separating wall. The slabs are held in place with retaining discs in the same manner as a partially filled external cavity wall. (continued overleaf).

Performance

Fire

Earthwool Acoustic Party Wall Slab is classified as Euroclass A1 to BS EN ISO 13501-1.

Benefits

- Removes the requirement for parge coat on masonry separating walls
- Water repellent
- Slabs "knit" together, thus eliminating air gaps between adjacent slabs
- Non-combustible

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Earthwool Acoustic Party Wall Slabs must be installed with the foil facing the minimum residual 40mm cavity with the slabs tightly butted together. The junction of the party wall cavity and external wall cavity must be closed to prevent flanking sound transmission. This is usually achieved by installing Earthwool DriTherm Cavity Slabs or Earthwool Cavity Barriers. Normal practice is to continue the installation of the Earthwool Acoustic Party Wall Slab to the full height of the separating wall up to the underside of the roof.

Standards

Earthwool Acoustic Party Wall Slabs are non-combustible glass mineral wool, defined as mineral wool in BS 3533: 1981 and are manufactured in accordance with BSI Quality Assurance Standard BS EN ISO 9001. 2000.

Durability

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

Acoustic performance

Earthwool Acoustic Party Wall Slab has exceptional acoustic absorption characteristics.

Environmental

Earthwool Acoustic Party Wall Slab is free from CFC's, HCFC'S and any other material with ozone depletion potential in it's manufacture and content and represents no known threat to the environment. **Earthwool Acoustic Party Wall Slab's manufacture has a low impact on the environment and is classified as Zero ODP and Zero GWP.**

Handling and storage

Earthwool Acoustic Party Wall Slabs are easy to handle and install, being lightweight and easily cut to size, where necessary. They are 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 Acoustic Party Wall Slabs should not be left permanently exposed to the elements.

Thickness (mm)	Length (mm)	Width (mm)	Slabs per pack	Area per pack (m ²)
35	1200	455	10	5.46

All dimensions are nominal

Knauf Insulation mineral wool products with ECOSE® Technology benefit from a formaldehyde-free binder made from rapidly renewable bio-based materials instead of petroleum-based chemicals which is up to 70% less energy intensive. 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 – the colour is completely natural.

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