

MASONRY PARTY WALL SLAB

January 2018



with **ECOSE** TECHNOLOGY

APPLICATIONS



DESCRIPTION

Masonry Party Wall Slab is a flexible glass mineral wool slab which is lightweight, resilient and non-combustible, it is designed as a full fill thermal and acoustic solution for use in masonry cavity party walls between adjoining apartments, semi-detached and terraced houses.

PERFORMANCE

Fire

Classification: EUROCLASS A1 to BS EN 13501-1.

Vapour resistivity

Water vapour resistivity: 5.00MN/g.m.

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
- ✓ Sized to friction fit between cavity wall ties
- ✓ Easy to handle and install with no gaps between adjacent slabs

SPECIFICATIONS

Thickness (mm)	Density (kg/m ³)	R-value (m ² K/W)		R-value (m ² K/W)		Length (mm)	Width (mm)	Area per pack (m ²)
100	18.00	3.10		2.75		1200	455	6.55
75	18.00	2.04		2.05		1200	455	8.74

 South African R-values calculated assuming 23°C mean temperature.

 Euro R-values based on 10°C mean temperature, calculated according to requirements of λ90:90 for declaring thermal performance and following the European norm standard including audited factory production control.

CERTIFICATION



challenge.
create.
care.

MASONRY PARTY WALL SLAB

January 2018

ADDITIONAL INFORMATION

Durability

Masonry 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

Masonry Party Wall Slab is used for the thermal and acoustic insulation of masonry cavity party walls and is friction fitted between cavity wall ties. The product can be used as part of a full fill solution to achieve a zero effective U-value within SAP 2009.

Standards

Masonry Party Wall Slab is manufactured in accordance with BS EN 13162, EN 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

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

Vapour resistivity

Masonry 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

Masonry 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. Masonry 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.

Knauf Insulation Ltd

PO Box 10, Stafford Road, St.Helens,
Merseyside, WA10 3NS. UK

Customer Service (sales): +44 (0)1744 766 767
export.sales@knaufinsulation.com

Technical Support Team: +44 (0)1744 766 666
technical.uk@knaufinsulation.com

All rights reserved, including those of photomechanical reproduction and storage in electronic media. Extreme caution was observed when putting together and processing the information, texts and illustrations in this document. Nevertheless, errors cannot quite be ruled out. The publisher and editors cannot assume legal responsibility or any liability whatever for incorrect information and the consequences thereof. The publisher and editors will be grateful for improvement suggestions and details of possible errors pointed out.

KINE3707DAT - V0118

challenge.
create.
care.