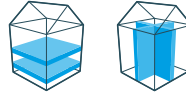


ACOUSTIC SLAB SUPER

November 2018



APPLICATIONS



DESCRIPTION

Acoustic Slab Super is a semi-rigid slabs of non-combustible, high absorbent glass mineral wool for internal floors, separating floors, internal walls and drywall partitions which require higher acoustic performance.

PERFORMANCE

Acoustic

Acoustic absorption: 0.65 to 0.90 NRC

Fire

Classification: EUROCLASS A1 to BS EN 13501-1

Vapour resistivity

Water vapour resistivity: 5.00MNs/g.m

BENEFITS

- ✓ Excellent sound absorption properties
- ✓ Suitable for system applications that require 55dB
- ✓ Lightweight, and easy to install
- ✓ Dimensioned to suit studs with 600mm centres
- ✓ Low emitting for indoor air quality considerations

SPECIFICATIONS

Facing	Thickness (mm)	Length (m)	Width (mm)	Area per pack (m ²)	Thermal conductivity (W/mK)	Thermal resistance (m ² K/W)	Density kg /m ³	Slabs per pack
UNFACED	75	12	600	2.88	0.035	2.14	24	4
UNFACED	50	12	600	4.32	0.035	1.43	24	6

One roll per pack. All dimensions are nominal.

SOUND ABSORPTION COEFFICIENTS (ASTM C423 - MOUNTING TYPE A AS PER ASTM E795)

Density (kg/m ³)	Thickness (mm)	Absorption Coefficient of one-third octave Band center Frequency Hz						
		125	250	500	1000	2000	4000	NRC
24	75	0.3	0.8	0.98	0.95	0.95	0.95	0.9
	50	0.25	0.58	0.97	1	0.98	1	0.9
	25	0.09	0.3	0.59	0.8	0.9	0.91	0.65

CERTIFICATION



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ADDITIONAL INFORMATION

Application

Acoustic Slab Super full fill thermal and acoustic solution for use in higher acoustic performance requirements in drywalls, as well as use in masonry cavity party walls between adjoining apartments, semi-detached and terraced houses.

Durability

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

Standards

Acoustic Slab Super is manufactured in accordance with BS EN 13162, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems, as certified by Bureau Veritas

Certification

Acoustic Slab Super are certified under UL 723, DCL Product Conformity, EUCEB for conformity of fibres produced with the requirements of Note Q of the Regulation (EC) No 1272.2008 of EP and EC, EUROFINS Indoor Air Quality Gold, SASO Product Conformity.

Environmental

Acoustic Slab Super represents no known threat to the environment and has zero Ozone Depletion Potential and zero Global Warming Potential.

Handling and storage

Acoustic Slab Super is easy to handle and install, being lightweight and easily cut to size, where necessary. It is supplied enclosed in polythene which is designed for short term protection only. For longer term protection on site, the product should be stored either indoors, or under cover and off the ground. Acoustic Slab Super 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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challenge.
create.
care.