CAPCO
CEILING AND PARTITION COMPONENTS

KNAUF INSULATION

ACOUSTIC BATT

DESCRIPTION

Acoustic Batts are semi-rigid slabs designed for friction-fitting in metal and timber studs, including drywall partitioning. They are also suitable for intermediate floors with cavities such as timber or metal joist constructions.
Made to 600mm widths to suit standard stud centres, there is no need to cut to the correct width, making installation quick and easy.
Packs are lightweight and compact, making them easy to carry, helping to prevent damage associated with dragging larger, heavier packs.



with ECOSE® TECHNOLOGY

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.

BENEFITS

- Excellent sound absorption characteristics improve the acoustic performance of internal walls and floors
- Advanced compression technology provides packs that are compact and easy to carry
- 600mm wide batts allow for fast installation
- Non-combustible A1 Euroclass Reaction to Fire classification
- Manufactured with ECOSE ® Technology for improved handling and installation

SPECIFICATIONS

Thickness (mm)	Length (mm)	Width (mm)	Slabs per pack	Area per pack (m^2)	NRC
100	1200	600	12	8.64	1.04e
63	1200	600	16	11.52	0.89e

All dimensions are nominal
e = estimate

PRODUCT MASS

63mm 16/pack = 9.44kg per pack = 1,22kg per m^2

100mm 12/pack = 5.70kg per pack = 1,515kg per m^2

PERFORMANCE

Fire Classification:	EUROCLASS A1 to BS EN 13501-1.
Vapour resistivity Water vapour resistivity:	5.00MNs/g.m.

CERTIFICATION

ADDITIONAL INFORMATION

Durability

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

Application

Acoustic Batt is typically used for the acoustic insulation of a wide variety of constructions such as timber and metal stud partitions and internal floors. It can also be used in intermediate floors.

Standards

Acoustic Batt is manufactured in factories that are certified by Bureau Veritas to the following management system standards: EN 50001 Energy Management Systems, OHSAS 18001 Occupational Health and Safety Management Systems, ISO 14001 Environmental Management Systems, and ISO 9001 Quality Management Systems. These factories also produce materials compliant with the European product standard for insulation materials EN 13162.

Environmental

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

Vapour resistivity

Acoustic Batt offers negligible resistance to the passage of water vapour and has a water vapour resistivity of 5.00MNs/g.m.

Handling and storage

Acoustic Batt 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 be stored either indoors, or under cover and off the ground. Acoustic Batt should not be left permanently exposed to the elements.

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