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Acoustiblok UK Limited

Acoustiblok Wallcover™

Acoustiblok Wallcover® is a flexible hybrid composite sheet which incorporates the Acoustiblok® Insulation Membrane technology with high grade, soft, compressible but very strong fabric layer currently used in the aerospace industry. This unique system allows Acoustiblok membrane to be installed directly onto a finished surface and offers both acoustic isolation and acoustic calibration.

GENERAL

Introduction *Acoustiblok Wallcover™* is a high performance versatile sound insulation composite layer, developed in the USA to incorporate the unique Acoustiblok Insulation Membrane into a surface mountable system to further save space.

Applications *Acoustiblok Wallcover* is designed to attenuate air and structure borne noise in domestic, commercial and industrial buildings in refurbishment projects where installation direct to the existing wall is essential.

Typical applications include flats and houses, home theatres, offices, hotels, hospitals, schools, commercial cinemas, sport facilities, engine rooms and heavy industrial facilities.

Authority *Acoustiblok* is a UL Approved Company.

DESCRIPTION

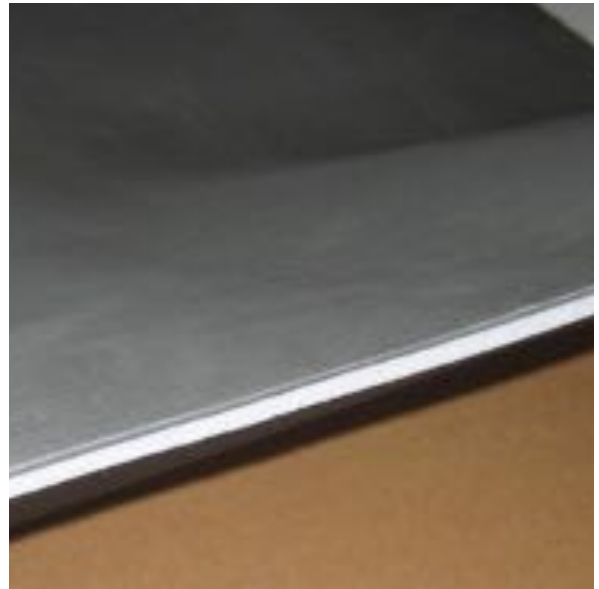
Acoustiblok Wallcover is a triple layer composite laminated system which enables the unique Acoustiblok Insulation Membrane to be installed directly to existing wall finish.

Composition, manufacture *Acoustiblok Wallcover* is formed from high grade aviation foam core, Acoustiblok Visco Elastic Polymer and a fire rated woven fibre-glass fabric.

Accessories include 3M 90 Contact Adhesive / Bostik Safe 80, jointing tape, filler compound and acoustic sealant.

Dimensions, weight are shown in the table overleaf.

Appearance is an extremely durable silver woven fibre glass fabric, fire retardant, paintable or easily covered with virtually any texture finish .



Dimensions, weight *Acoustiblok Wallcover*

Thickness (mm) : 8 (+ 0.75)

Weight (kg/m²) : 5.35

Roll: width (m) : 1.22m (± 1.5 %)

: length (m) : 2.44m (± 1.5 %)

PERFORMANCE

Mechanics Flexible roll material with a durable facia and a slight compressive value due to the open cell core.

Fire *Acoustiblok Wallcover* is available in two differing standards:

Class A and Smoke Index 250 and Flame Index 35

ASTM E 84 / BS 476: Part 7 and UL classified.

Biological Proof against mould and mildew growth.

Heat It may be used in temperatures up to 93°C.

Sound *Acoustiblok Wallcover* reduces sound transmission over a wide range of frequencies. In speech range - 4000Hz test results indicated a 14dBA reduction which would represent a perceived reduction of over 60%.

Electrical *Acoustiblok Wallcover* has high electrical resistance.

Compatibility *Acoustiblok Wallcover* can be used with all common building materials.

SITWORK

Health and Safety *Acoustiblok Wallcover* is non-hazardous and does not constitute any risk to public health as defined in the MSDS. Skin that comes into contact with molten material should be immediately immersed in cold, running water until cooled before removal of the material is attempted.

Handling and storage Note should be made when handling the material of its comparatively high weight. It should be stored in a sprinklered warehouse at a temperature below 60°C.

Cutting *Acoustiblok Wallcover* can be easily cut and shaped with normal hand tools.

Installation Glued to substrate with recommended adhesives - water based contact adhesive or solvent based spray adhesive. Jointing tape and filler compound used at seams and acoustic silicone / caulk used around all perimeters.

SUPPLY

All products are supplied direct from the company.

Acoustiblok installation details



SERVICES

The company provides the following services to specifiers:

- supply only
- technical advice
- site visit, acoustic survey feasibility study and specification report
- consultancy, working alongside sub-contractors, builders and maintenance teams

REFERENCES

Information is available from the company.

Information on UL certification is available:

- directly from the company's website, or
- from www.ul.com using classification file number R21490.

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