



Uniclass L68161:P7113	EPIC F852:X724
Ln6 (P2)	

Acoustiblok® sound insulation

Acoustiblok UK Limited

## AcustiMat 3mm Flooring Underlay

**AcustiMat is a durable underlay used together with Acoustiblok Insulation Membranes to deaden impact and airborne sound. This underlay offers a thin levelling layer to all floor types as well as increasing the thermal conversion characteristics of Acoustiblok Acoustic Insulation Membranes.**

### GENERAL

**Introduction** *AcustiMat* flooring underlays are a proven lining membrane to complement the unique properties of Acoustiblok1600 3mm and Acoustiblok32100 6mm Acoustic Insulation Membranes.

**Applications** *AcustiMat* is very versatile and can be installed to most flooring systems in both new build and refurbishment projects being applied directly to concrete slab / screed and timber substrate as an underlay prior to Acoustiblok Insulation Membranes.

**Authority** *AcustiMat* is acoustically tested in various assemblies including laminate and ceramic surfaces.

Acoustiblok Acoustic Insulation Systems far exceed Document E Building Regulation requirements.

Tested for durability and spread of fire - BCTA.

Acoustiblok is a UL Approved Company.

### DESCRIPTION

*AcustiMat* is a reinforced, noise isolating, mineral filled material that is flexible. Easily cut and shaped with a craft knife, it can be installed by nailing, stapling or glueing.

**Composition, manufacture** *AcustiMat* is formed from pressed organically produced rubber and cork formed with an elastomer binder.

**Accessories** include high strength AcustiBond Acrylic Emulsion Adhesive and intumescent acoustic sealant / adhesive / caulk for joints.

**Dimensions, weight** are shown in the table overleaf.

**Appearance** is a mottled reddish flexible layer with granular texturing.



### Dimensions, weight *AcustiMat*

Thickness (mm) 3 (+ 0.75)  
Weight (kg/m<sup>3</sup>) : 600  
Roll: width (m) : 1.0m (± 1.5 %)  
Length (m) : 20.00m

### PERFORMANCE

**Mechanics** Material will not compress when used under Acoustiblok Isolation Membrane, i.e. with normal pedestrian traffic.

**Acoustic** Delta  $\Delta L_w$  19dB (ISO 717-2)

**Fire** B2 (Analogous to DIN 53571)

**Biological** Proof against mildew growth.

**Heat** -30°C to 80°C.

**Compression** (50% / 23°C / 72h) = 4.5% (According to DIN 53572)

**Tensile Strength** min. 0.5 N/mm<sup>2</sup> (DIN 53571)

**Ultimate Elongation** min. 20% (DIN 53571)

**Electrical** *AcustiMat* has high electrical resistance.

**Compatibility** *AcustiMat* can be used with all common building materials.

### SITWORK

**Health and safety** *AcustiMat* is non-hazardous as defined in 29 CFR 1910, 1200. 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.

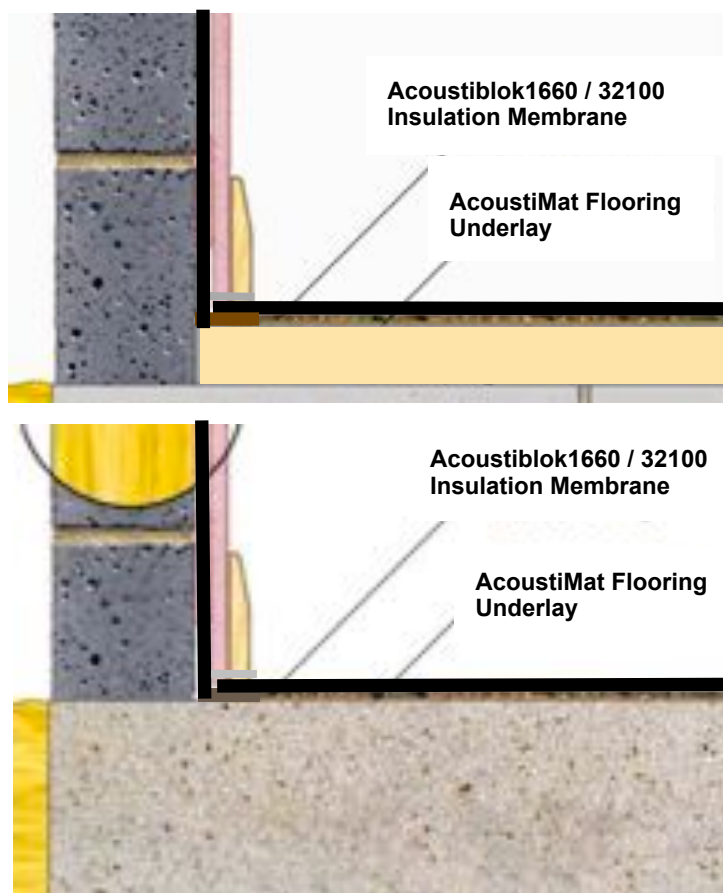
**Cutting** *AcustiMat* can be easily cut and shaped with normal hand tools.

**Installation** The following methods of installation are available: – stapling or glueing.  
Extra material should be left at the perimeter; seams should be sealed with tape and perimeters and cutouts caulked.

### 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 on acoustic underlays, tapes and caulk is available from the company.

Information on UL certification is available:

- directly from the company's website, or
- from [www.ul.com](http://www.ul.com) using classification file number R21490.

### Acoustiblok UK Limited / Thermablok Aerogels

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