



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

Acoustiblok UK Limited

AcoustiWool 3mm Acoustic Flooring Underlay

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

GENERAL

Introduction AcoustiWool flooring underlay is a proven lining membrane to compliment Acoustiblok1600 3mm and Acoustiblok32100 6mm Acoustic Insulation Membranes.

Applications AcoustiWool 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 AcoustiWool is acoustically tested in various assemblies including laminate and ceramic surfaces. AcoustiWool offers exceptional fire performance characteristics. Acoustiblok Acoustic Insulation Systems far exceed Document E Building Regulation requirements.

Acoustiblok is UL approved.

DESCRIPTION

AcoustiWool is a flexible light to heavy density felt / wool product range. Easily cut and shaped with a craft knife, it can be installed by nailing, stapling or glueing.

Composition, manufacture AcoustiWool is formed from 85% recycled raw wool fibre materials.

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

Dimensions, weight are shown in the table overleaf.

Appearance is a mottled grey flexible layer with a fabric texturing.



Dimensions, weight *AcoustiWool*

Thickness (mm) 3mm (+ 0.75)
Roll: width (m) : 0.91m (\pm 1.5 %)
Length (m) : 10.15m
Weight (kg/m²) : 1.6
Weight (kg/roll) : 6.8

PERFORMANCE

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

Acoustic Delta ΔL_w 19dB (ISO 717-2)

Fire B2 (Analogous to DIN 53571)

Biological Proof against mould / 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/mm² (DIN 53571)

Ultimate Elongation min. 20% (DIN 53571)

Electrical *AcoustiWool* has high electrical resistance.

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

SITWORK

Health and safety *AcoustiWool* 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.

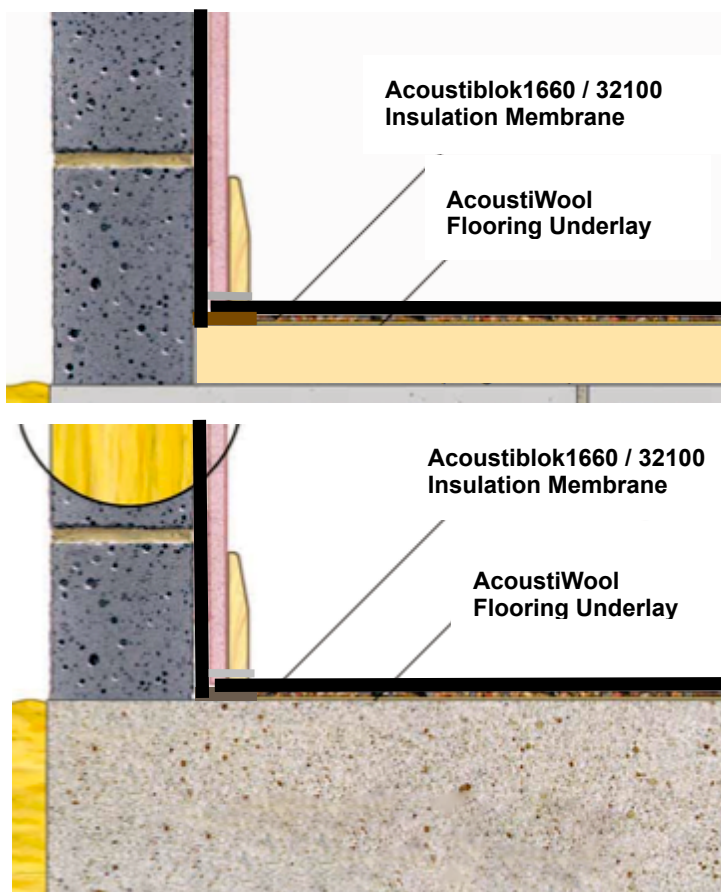
Cutting *AcoustiWool* can be easily cut and shaped with normal hand tools.

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 using classification file number R21490.

Intelligent Insulation Ltd

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