

Autex Acoustic Blanket Data Sheet



Autex Acoustic Blanket (AAB) - Panel

AAB is a soft thermally bonded polyester blanket / panel, having excellent acoustic absorption properties. AAB is available in a range of densities and thicknesses.

AAB is supplied plain for covering on site. A facing can be applied on site but this is recommended to be porous.

AAB is normally manufactured white, however, it can be produced black or grey where aesthetics are important.

Ensure that the patterned surface is facing the sound source (exposed surface).

Refer to the QuietStuf® AAB installing instructions.

Applications

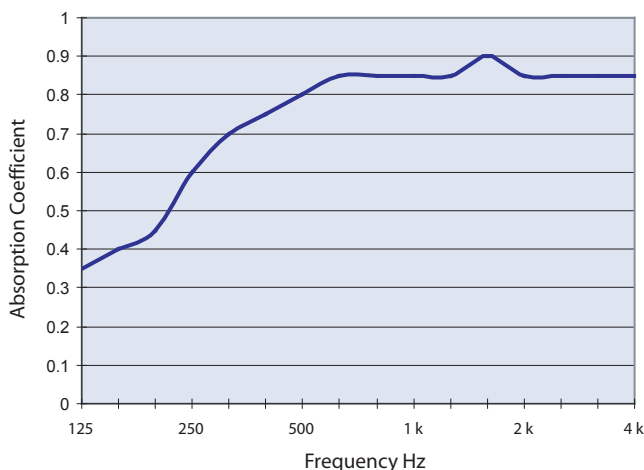
Acoustical sound control for a wide range of commercial and industrial applications, where optimum absorption is required on wall and ceiling surfaces.

- Sound control for buildings, plant rooms and all acoustic applications
- Acoustic baffles
- Acoustic panels

Features & Benefits

- User friendly - no protective clothing is required
- Environmentally friendly
- Non toxic
- Odourless
- Non irritant and non allergenic
- Available in a range of densities and thicknesses
- Fully complies with New Zealand and Australian Building Codes
- Easy to install
- Excellent acoustic absorption characteristics
- Long term stability and performance

Product Performance



Frequency (Hz)	Absorption Coefficients
125	0.35
250	0.60
500	0.80
1000	0.85
2000	0.85
4000	0.85
NRC	0.80

AAB 14-75



Properties

Thermal Conductivity

"k" Value W/m°C K = 0.040

Early Fire Hazard Test Results

ASB is a self extinguishing product and conforms to all Building Code requirements (NZ and AUST) as tested by AS1530 Part 3, results as follows:

Ignitability Index (0-20)	0	Heat Evolved Index (0-10)	0
Spread of Flame (0-10)	0	Smoke Developed Index (0-10)	3

Product Information

Product Code	Thickness	Density
AAB 14.75	75mm	14kg/m ³

Special sizes are available on request, subject to minimum order quantities.

Miscellaneous Properties

Rec. Max. Service Temp.:	160°C
Ingredients:	Organic, long chain synthetic polymer
Chemical Entity:	Composed of carbon-hydrogen oxygen
Alkalinity:	pH 7.8 (pH 7 is neutral)
Moisture Absorption:	Exposed to an atmosphere of 50°C, 90% RH for four days gives a moisture absorption of less than 0.03% by weight
Corrosiveness:	The product is not corrosive (tested in accordance with NZS4222)

General Information

In addition to AAB 14-75, Autex Insulation manufacture a wide range of acoustic products and thermal insulation products.

Autex Insulation is a division of Autex Industries Ltd and retains the right to change products and specifications without prior notification. If a specification is critical to the end user, please contact Autex Insulation.

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Health Wise™ is a trademark of Autex Industries Ltd.

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AAB 14-75