



ASB Sound Blanket

GreenStuf® ASB SOUND BLANKET® is a range of 100% polyester acoustic insulation products ideally suited for metal stud wall partitions and as an acoustic ceiling overlay in commercial applications. ASB is supplied in rolls pre-cut to fit standard metal stud partition walls set at 600mm centres.



Applications

GreenStuf® ASB can be used in metal stud partition walls and as an acoustic ceiling overlay for reducing airborne sound transfer. ASB reduces resonating noise in the construction cavity thereby increasing the sound transmission loss of the construction system.

Technical

Durability: GreenStuf® has a 50 Year Durability Warranty.

Moisture: GreenStuf® is not affected by moisture. Exposure to an atmosphere of 50°C at 90% relative humidity for four days showed moisture absorption by weight of less than 0.03%.

Hazardous Building Materials: GreenStuf® is non-hazardous.

VOC Emission Safe:

VOC concentration: 0.01 mg/m³ (7 days).
 GECA/GreenGuard Limit: 0.25 mg m³ (7 days).
 Cetec Pty Ltd (Report:RCV080408)

Non-Corrosive: GreenStuf® polyester is pH7.8 (pH7 is neutral).

Non-Toxic, Non-Allergenic, Non-Irritant: There are no known hazards with the use or handling of GreenStuf® polyester.

Vermin: GreenStuf® is naturally resistant to insect and vermin attack.

Non-Flammable: GreenStuf® is classified non-flammable.

Installation: GreenStuf® ASB should be installed in accordance

with the manufacturer's instructions (included in each ASB pack) and the design detail and specification.

Additional information and advice is available from your Autex Representative or by visiting our website: www.autex.co.nz

MSDS: Material Safety Data Sheets (MSDS) are available on request from your Autex Representative or by visiting our website: www.autex.co.nz

Fire ratings:

ISO 9705: 1993

Classification: Group 1-S
 Smoke Production Rate: <5.0m²/s
 As required by NZBC C/VM2
 Issued 11th March 2013, BRANZ (FAR 4045)

AS1530.3

Ignitability Index (0-20) 0
 Heat Evolved Index (0-10) 0
 Spread of Flame Index (0-10) 0
 Smoke Developed Index (0-10) 3
 APL Report 02116

Specification & Substitution: Autex specification documents are available through Masterspec® or can be downloaded from our website (www.autex.co.nz).

The performance and design of GreenStuf® ASB has been engineered to supply a tested and proven sound control system.

PRODUCT	NOMINAL THICKNESS (mm)	PACK SIZE	PRODUCT WEIGHT (gsm)	DENSITY (kg/m ³)	m ² /PACK
ASB 3*	50mm	16.5Lm x 600mm x 2 Rolls	735 gsm	14.7 kg/m ³	19.8m ²
ASB 4	60mm	11.1Lm x 600mm x 2 Rolls	750 gsm	12.5 kg/m ³	13.3m ²
ASB 5	70mm	11.1Lm x 600mm x 2 Rolls	900 gsm	12.8 kg/m ³	13.3m ²
ASB 6*	75mm	11.1Lm x 600mm x 2 Rolls	1105 gsm	14.7 kg/m ³	13.3m ²
ASB 7	120mm	11.1Lm x 600mm x 2 Rolls	1680 gsm	14.0 kg/m ³	13.3m ²

*Suitable for use in GIB Noise Control Systems 2017

Substitution of any specified components in a sound control system can significantly compromise the system performance.

Products of similar weight and density may not provide equivalent performance, as small variations in fibre size, structure and bonding will effect performance.

Accept NO substitutions.

Acoustic Performance: Acoustic performance results are provided as STC ratings for metal stud partition walls using 0.55µm steel stud set at 600mm centres and lined both sides with 13mm plasterboard. All ASB performance testing has been carried out in a laboratory environment. On-site results could vary depending on the system design, quality of materials and installation.

ISO Standards: Autex is committed to Quality and Environmental best practice through our ISO 9001 & ISO 14001 certified Quality and Environmental Management Systems.

Packaging Recycling: GreenStuf® packaging is recyclable LDPE 4. Please refer to your local recycling centres for drop off and collection services.

Take Back Programme: GreenStuf® is recyclable. Autex will gladly recycle used, uncontaminated GreenStuf® insulation to help keep it

out of landfill. For more information on recycling GreenStuf® contact Autex on freephone 0800 428 839.

Environmental: All GreenStuf® products are manufactured using 100% polyester fibre and contain a minimum of 45% previously recycled fibre (from PET plastic). GreenStuf® products are manufactured under Autex's Zero Waste Programme where all manufacturing waste is recycled back into the production process.

GreenStuf® products are Global GreenTag GreenRate Level A certified and can be used to contribute to Green Star NZ and HomeStar accreditation. GreenStuf® is also Declare certified to be Red-List Free and can be used in Living Building Challenge projects.

All product declarations are independently verified under our ISO 14001 Environmental Management System. For more information, please contact your Autex Account Manager, or visit our website www.greenstuf.co.nz

Declare.



PRODUCT	THICKNESS	64MM STEEL STUD STC	76MM STEEL STUD STC	92MM STEEL STUD STC	150MM STEEL STUD STC
GreenStuf ASB 3	50mm	STC 41	STC 42	STC 42	STC 44
GreenStuf ASB 4	60mm	STC 42	STC 42	STC 43	STC 45
GreenStuf ASB 5	70mm	STC 43	STC 43	STC 44	STC 45
GreenStuf ASB 6	75mm	-	STC 44	STC 45	STC 46
GreenStuf ASB 7	120mm	-	-	-	STC 48
No fill		STC 36	STC 37	STC 37	STC 40

STC performance may be increased further by disconnecting the plasterboard from the stud, and by using multiple layers of plasterboard. For more information contact your Autex representative.

On-Site Information

ASB products are compression packed to minimise transportation costs and ease on-site storage and handling. Prior to use the packs should be opened to allow recovery of the insulation loft. Product recovery to the stated nominal thickness may be slowed by low temperatures and extended periods of storage in compressed packaging. Installing product at less than the stated nominal thickness does not hinder long-term acoustic performance. ASB products are proven to recover in-situ over time.

ASB is lilac or blue colour tinted to provide easy identification on site. If ASB products have been specified and the insulation material is not lilac tinted, it is not ASB and instructions should be issued to cease installation until the correct specified material

is supplied. Equivalent weight and thickness products may not provide equivalent acoustic performance as small changes to fibre size, blend and fibre bonding effect the products performance.

ASB should be installed with no gaps. Drops should be mechanically fixed at the top to secure in place until the plasterboard linings are installed. ASB can be easily torn by hand across the width of the rolls for length. If the insulation width needs to be cut we suggest using sharp scissors or shears.

ASB products can also be used as an acoustic ceiling overlay to help reduce airborne sound transfer between rooms and spaces, and reduce reverberation times in open spaces. Performance will vary depending on the ceiling system design and installation. For design advice and assistance please

GreenStuf® is manufactured in New Zealand by Autex Insulation, a division of Autex Industries Limited. Autex retains the right to change products and specifications without prior notice. If a specification is critical to end use situation please discuss your requirements with your Autex Representative.

GreenStuf® is a registered trademark of Autex Industries.

AUTEX



Insulation

Autex Industries Ltd
 702 - 718 Rosebank Rd
 Private Bag 19988,
 Avondale 1746, Auckland
 New Zealand
 Phone +64 9 828 9179
 Fax +64 9 828 5810
 Freephone 0800 428 839
www.autex.co.nz