

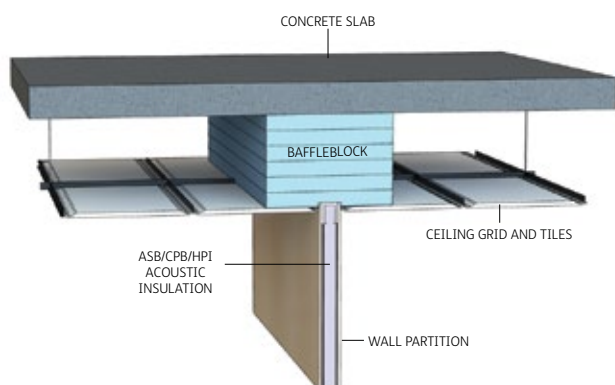
GreenStuf®

Baffleblock®

GreenStuf® Baffleblock® is a 100% polyester acoustic insulation product designed to be layer stacked above partition walls to reduce sound transmission through the ceiling plenum space and is supplied as rolls pre-cut to 600mm wide.

Applications

GreenStuf® Baffleblock® is designed for use above new or existing RW rated partition walls to enhance the acoustic privacy between spaces.



Application Considerations: Baffleblock® must be installed with at least enough compression to ensure stack stability and a tight fit to all surfaces including concrete slab, ceiling or the floor above. No gaps to be allowed through the stack. Baffleblock® can be installed to a height of 1m without specialist design considerations. Above this height consideration must be given to the stack stability and weight loading restrictions on the ceiling tiles and grid system. Other options are available for plenum heights above 1m.

Where the ceiling plenum is used as an active return for the air conditioning system, ensure airflow is not significantly reduced. Autex recommends you consult the Mechanical Services Engineer to ensure the use of Baffleblock® will not result in a loss of effective air movement.

Existing services, ducting, ceiling grid supports and fire control and detection devices must not be affected by the installation. Baffleblock® should not be used where temperatures exceed 160°C. Where flues or similar heat emitting items pass through the insulation, a 200mm venting gap should be left between that item and the insulation. For more information please discuss your requirements with your Autex Account Manager.



PROUDLY MADE IN AUSTRALIA

Technical

BCA Compliance: GreenStuf® insulation when Installed in accordance with the manufacturer's instructions will satisfy the 50 year durability criteria for minimum design life as set out in the ABCB guidance document Durability in Buildings 2006 (Section 2.4).

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/Green Guard Limit: 0.25 mg/m³ (7 days).

Cetec Pty Ltd (Report:RCV080408)

Non-Flammable: GreenStuf® is non-flammable.

Fire Ratings:

AS ISO 9705:2003

Australian Group Number: Group 1

SMOGR_{RC}: less than 100m²/s²

Test Number: FAR4045

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 98055

PRODUCT	NOMINAL THICKNESS (mm)	PACK SIZE	BATTS/ROLLS PER PACK	m²/PACK
Baffleblock®	100mm	600mm x 8.33Lm	2 Rolls	10.00m²
Baffleblock®	100mm	600mm x 1200mm	8 Batts	5.76m²

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.

Installation: GreenStuf® Baffleblock® should be installed as a layer stack above RW rated partition walls. Baffleblock® must be installed with enough compression to ensure stack stability and a tight fit to all surfaces including slab, roof or floor above. No gaps to be allowed through the stack and small pieces should be used to fill around ducting, services and structural components. Ensure all packaging is removed. Consult with the HVAC Installer/Engineer prior to commencing to ensure no loss of effective air movement to the active return of the air conditioning system.

Additional information and advice is available from your Autex Account Manager or by phoning Autex Customer Services on free phone 1800 678 160.

MSDS: Material Safety Data Sheets (MSDS) are available on request from your Autex Account Manager or by visiting our website www.autex.com.au

Specification & Substitution: Autex specification documents are available and can be downloaded from our website www.autex.com.au

The performance and design of Baffleblock® has been engineered to supply a tested and proven sound control system. Substitution of any specified components in a sound control system can significantly compromise the system performance. Accept NO substitutions.

Take Back Programme: Autex will gladly recycle used, uncontaminated GreenStuf® insulation to help keep it out of landfill. For more information on recycling GreenStuf® contact Autex on free phone 1800 678 160.

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

Acoustic Performance: All performance results are based on testing carried out in a laboratory environment. On-site results could vary depending on the system design, materials and quality of the installation. For more information and assistance please contact your Autex Account Manager.

FREQUENCY (Hz)	ACOUSTIC PERFORMANCE*		
	Installed Product Density: 11 kg/m ³ Stack Compression: 10%	Installed Product Density: 15kg/m ³ Stack Compression: 33%	Installed Product Density: 16 kg/m ³ Stack Compression: 40%
63	5.22	5.76	6.73
125	7.75	8.38	9.34
250	7.27	8.24	9.01
500	13.15	14.35	15.64
1000	15.25	17.01	18.42
2000	16.56	18.71	20.17
4000	19.53	22.56	24.21
8000	18.30	20.54	21.78
Insertion loss (dBA)	12.90	14.10	15.20
*Tested through the 600 mm section of the material			

Density expressed as kg/m³ is a calculation of Product Weight (gsm) divided by Nominal Thickness. Baffleblock® has a non-compressed thickness of 100mm and a nominal net weight of 1,000gsm. So standard product density (un-compressed) is 10kg/m³.

GreenStuf® is manufactured in Australia by Autex Pty Ltd. 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 Account Manager.

GreenStuf® is a registered trademark of Autex Industries.

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