

Acoustic insulation blanket that reduces sound transmission through ceiling cavities.

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## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



GreenStuf® confirms that this minimum level of assurance has been met or exceeded by the following:

Global Green Tag EPD

[Global Green Tag EPD - Polyester Insulation - ATX GS01 2022EP](#)



The following information has been provided by GreenStuf® demonstrating how this product complies with the [Building Product Information Requirements](#).

## Technical Statement

### Product Class

CLASS 1

### Product Description

Sound Solution® Baffleblock™ is an acoustic insulation blanket designed to be layer stacked above partition walls to reduce sound from moving through ceiling cavities. It is an acoustic insulation blanket that reduces sound transmission through ceiling cavities.

### Features

- Reduces sound transfer between rooms and offices
- Supplied in 600mm wide pre-cut rolls to help make install nice and easy.
- Independently tested & assessed achieving
- NZBC Fire Standards
- Thermally bonded without harmful chemicals
- Safe and easy to install without PPE
- Made locally in New Zealand
- 50 Year durability

### Scope of use

#### Limitations on Use of Building Product

- GreenStuf Sound Solution must be installed only when the building is enclosed and when construction materials have achieved the required maximum moisture content or less.
- GreenStuf insulation may not be suitable for all applications, as stipulated in the NZBC. Please consult a fire engineer when specifying GreenStuf.
- No gaps to be allowed through the stack and small pieces should be used to fill around ducting, services and structural components. 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.

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1(a)  
When the building is maintained so that the provisions of NZBC E2 and E3 are met, where the product is not exposed to conditions to diminish its performance, and the maintenance of the system is in accordance with the product manufacturers maintenance instructions, the durability is 50 years for materials.
- **Clause E3 Internal moisture:** Performance E3.3.1  
GreenStuf R-values have been determined by testing to AS/NZS 4859.1:2018
- **Clause F2 Hazardous building materials:** Performance F2.3.1  
Refer to the independent testing for environmental certifications found on the product data sheet: - Declare Red List free- EPD - Global Green Tag - see certification.

### Notes

ISO 9705: 1993 Classification: Group 1-S



**masterspec partner**

#### Company Contact Details



Brand: GreenStuf®

Company: Autex Acoustics

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Avondale  
Auckland

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Avondale  
AUCKLAND

Telephone: 64 800 428839

Email: [enquiries@autex.co.nz](mailto:enquiries@autex.co.nz)

Website: <https://greenstuf.co.nz/products/sound-solutions-baffleblock>

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

GreenStuf insulation may not be suitable for all applications, as stipulated in the NZBC. Please consult a fire engineer when specifying GreenStuf.

IEC 60695-11-5 (Downlight Fire Test Standard) GreenStuf® has been tested and certified non-flammable and complies with the requirement of IEC 60695-11-5

## Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Refer to the technical data on the Greenstuf website: <https://greenstuf.co.nz/products/sound-solutions-baffleblock>

## Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



Global Green Tag EPD

[Global Green Tag EPD - Polyester Insulation - ATX GS01 2022EP](#)

## Use in Service History

In service history 30+ years.

## Product Criteria

### Design requirements

GreenStuf® Baffleblock® is a 100% polyester acoustic insulation 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.

To ensure New Zealand Building Code (NZBC) compliance, architects and building designers are advised to consult an engineer or the relevant NZ standards before specifying acoustic insulation products.

Refer to the technical datasheet for further design considerations or consult an Autex Account Manager.

<https://cdn.mediavalet.com/aunsw/autex/bpDbDbpnykO4ZnpUqfpm-w/yd7qCU09yk6M-RduTSP9aA/Original/Baffleblock%20Datasheet.pdf>

### Installation requirements

Please refer to our website for Installation Instructions:

<http://autexindustries.com/nz/product-matrix>

### Maintenance requirements

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%.

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

## Warrantees

50 year durability and material warranty.

## Company Product Information

### Environmental

All GreenStuf® insulation products are manufactured using the same materials and under the same conditions, processes and controls as the Environmental Choice New Zealand certified range as published at the date of this document. All GreenStuf® products are manufactured from 100% polyester fibre and contain a minimum of 45% already recycled fibre (from PET plastic) and are manufactured under Autex's zero waste policy.

GreenStuf® products are Green Star NZ & Homestar compatible and GreenStuf® products have been independently assessed and verified compliant with Living Building Challenge projects. For more information please contact your Autex Account Manager or visit our website.

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

## Quality Assurance



ISO 9001 (Quality Management)

## Relationships



New Zealand Made

## Building Product Information Requirements

### Manufacturer

**Legal Trading Name:**

Autex Acoustics

**Business Email:**

enquiries@autex.co.nz

**Company Website:**

<https://www.autexacoustics.co.nz/>

**Contact Number/s:**

+64 800-428839

0800 428839

### Product Identifier

PQB

### Warnings

This product has no warnings associated with it.



Date last validated: **12 December 2023**



Date last updated: **12 December 2023**

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