

Designed for the thermal and acoustic insulation of commercial and industrial roofs

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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:

Autex Industries Limited

[New Zealand Made Certificate - 705337](#)

Technical Statement

Product Description

GreenStuf® BIB is a 100% polyester thermal insulation blanket. GreenStuf® BIB is a non-irritant thermally efficient insulation material designed for insulating commercial and industrial roofs. GreenStuf® BIB is supplied as lofted green-tinted insulation blanket for commercial roofing applications.

Foil Facings: GreenStuf® BIB is supplied as standard without a foil face as the product in standard installations is fully self-supporting and does not require the additional stability of a foil. Where a vapour barrier is required please discuss your requirements with your Autex Representative.

Scope of use

GreenStuf® BIB is 100% polyester thermal insulation blanket. GreenStuf® BIB is non-irritant thermally efficient insulation material designed for insulation commercial and industrial roofs. GreenStuf® BIB is supplied as lofted green-tinted insulation blanket for commercial roofing applications.

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)

Notes

NZBC Compliance - GreenStuf® thermal insulation when installed in accordance with the manufacturer's instructions will satisfy the 50 year durability clause NZBC B2.3.1 (a).

Non Flammable - GreenStuf® is classified non-flammable.

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 98055

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

Supporting Evidence

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



Autex Industries Limited

[New Zealand Made Certificate - 705337](#)

masterspec partner

Company Contact Details



Brand: GreenStuf®

Company: Autex Acoustics

Physical Address: 702/718 Rosebank Road

Avondale
Auckland

Postal Address: Private Bag 19988

Avondale
AUCKLAND

Telephone: 64 800 428839

Email: enquiries@autex.co.nz

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

Product Criteria

Design requirements

Applications

GreenStuf® BIB is designed for the thermal and acoustic insulation of commercial and industrial buildings and will assist in meeting the requirements of NZBC H1 Energy Efficiency.

Installation requirements

Please refer to our website for Installation Instructions:

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

Company Product Information

Environmental

GreenStuf® products are manufactured in New Zealand by Autex Insulation under an ISO 14001 certified Environmental Management System. GreenStuf® products are produced using 100% polyester fibre without the need for any chemical binding agents or adhesives. GreenStuf® does not contain, release or use any restricted ozone depleting substances in its composition or manufacture. There are no known hazards with the use or handling of Autex polyester insulation materials. GreenStuf® is non-toxic, non-allergenic, and non-irritant. GreenStuf® contains a minimum of 45% previously recycled fibre (from PET bottle flake) and is completely recyclable at end of life. GreenStuf® polyester fibres are not of a respirable size and will never become a potential airborne health risk providing for safer indoor air quality.

Quality Assurance



ISO 9001 (Quality Management)

Relationships



New Zealand Made



Environmental Choice New Zealand 2508037



Date last validated: **09 August 2021**



Date last updated: **09 August 2021**

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