

Thermal insulation blanket that reduces heat loss through floors.

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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:

BRANZ Appraisal

[380 \(2021\), 734 \(2021\)](#)

Autex Industries Limited

[New Zealand Made Certification - 705337](#)

Technical Statement

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), B2.3.1(b)
- **Clause E3 Internal moisture:** Performance E3.3.1
- **Clause F2 Hazardous building materials:** Performance F2.3.1
- **Clause H1 Energy efficiency :** Performance H1.3.1, H1.3.2E

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). GreenStuf® meets the relevant clauses of NZBC E3 Internal Moisture, F2 Hazardous Building Materials, and will contribute to meeting H1 Energy Efficiency.

Clause E3 Internal Moisture- Autex GreenStuf® will contribute to meeting this requirement - see paragraphs 12.1 and 12.2 of the Branz appraisal.

Clause H1 Energy Efficiency - Autex GreenStuf® will contribute to meeting this requirement - see paragraphs 13.1 - 13.8 of the Branz appraisal.

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:



BRANZ Appraisal

[380 \(2021\), 734 \(2021\)](#)



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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://greenstuf.co.nz/products/greenstuf-thermal-underfloor-blanket>

Product Criteria

Design requirements

Applications

GreenStuf® UNDERFLOOR is designed for the thermal insulation of existing and new timber framed buildings in accordance with the NZBC H1 Energy Efficiency requirements.

Installation requirements

Please refer to our website for Installation Instructions:

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

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



Environmental Choice New Zealand 2508037



Date last validated: **05 July 2022**



Date last updated: **05 July 2022**

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