



GreenStuf® UNDERFLOOR

GreenStuf® Underfloor is a thermally bonded 100% Polyester Insulation designed to provide thermal insulation to residential and commercial buildings.

Applications

GreenStuf® Underfloor insulates the underside of new and existing exposed joist floors. GreenStuf® Underfloor incorporates the latest in Polyester Fibre technology (PFT) and is designed to reduce draughts, making rooms more comfortable and healthier. The product is supplied standard as 430mm thick rolls for friction fitting between joists.

Other roll widths are available upon request, MOQs apply

Environmental

All Polyester insulation Products as manufactured by Autex Pty Ltd and marketed under the names; GreenStuf®, QuietStuf®, are produced using 100% Polyester fibre without the need for any binders or adhesives. Our products are manufactured with up to 85% recycled fibre.

These products do not contain nor produce any ozone depleting substances or gases. Our products are rated as low VOC and no VOCs are used during the manufacturing process.

Autex Polyester Insulation Products are manufactured under ISO 9001 quality and ISO14001 environmental managed systems that include zero waste policies as well as extended producer responsibility policies.

All of our products are fully recyclable and have low embodied energy.

Autex Polyester insulation products have been awarded Good Environmental Choice Australia status and have been fully assessed by Ecospecifier.

Product Format

PRODUCT (R Value)	NOMINAL THICKNESS (mm)	PACK SIZE (m ²)
Underfloor R1.5	100mm	430mm x 11.6m rolls 3 rolls per pack (15.0m ²)

Product Thermal Resistance: 1.5m² C/W at 23 degrees C

BCA Compliance

GreenStuf® thermal insulation when installed in accordance with the manufacturers instructions will meet the relevant requirements of the Building Code of Australia. Fully compliant with AS/NZS4859.1

Early Fire Hazard Test Results

GreenStuf® Underfloor is a self extinguishing product and conforms to all of the requirements of the Building Code of Australia as tested to AS1530 Part 3, typical results as follows.

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

Tested 15 April 1998, APL Report 98055



green building council australia
MEMBER





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Handling

There are no known hazards with the use or handling of Autex Polyester insulation materials. GreenStuf® Underfloor is non-toxic, odorless, no irritant and non-allergenic.

No Precautions or personal protective equipment is required for handling or installation.

On Site Information

GreenStuf® Underfloor is supplied compression packed for ease of transportation. Product recovery to the nominal stated thickness may be slowed on site dependant on the ambient conditions. Product will regain nominal thickness in situ over four weeks. Product thickness recovery may be compromised if the product is stored for more than six months or is further compressed.

Installation

GreenStuf® Underfloor should be installed in accordance with the requirements of the Building Code of Australia and AS/NZS3999.

GreenStuf® Underfloor should be installed as a snug fit between framing members with no gaps at any join or perimeter. GreenStuf® can be easily torn across its width for smaller pieces. Installation instructions are included with every pack.

Durability

GreenStuf® Underfloor insulation will not sag or lose loft or bulk over time. This design characteristic ensures full performance is maintained (50+ years durability). Autex provides a 50 year durability warranty against product failure in normal use situations.

Corrosiveness

When tested in accordance with NZS4222, GreenStuf® Underfloor insulation is classified as non-corrosive. The pH of GreenStuf® is 7.8 (a pH of 7 is neutral).

Moisture

GreenStuf® Underfloor insulation is not affected by moisture. Exposure to an atmosphere of 50°C at 90% relative humidity for four days shows moisture absorption of less than 0.03%. Should the product become wet, full thermal and acoustic performance will be restored on drying out.

Composition

Organic, long chain synthetic polymer. Composed of Carbon-Hydrogen Oxygen.

Vermin

GreenStuf® Underfloor is naturally resistant to insect and vermin attack and does not contain chemical deterrents.

MSDS

Material Safety Data Sheets (MSDS) are available on request or from the Autex website.

Max Service Temp

160°C – Melting Point 250°C

General

GreenStuf® Underfloor is manufactured in Australia by Autex Pty Ltd an ISO9001 quality and ISO14001 environmental certified company. 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 Limited.

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