



GreenStuf® Thermal Insulation

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

Applications

Walls ,Ceilings, Underfloor – Please refer to the Autex Residential Insulation Guide for full guidance on usage and compliance to Building Code requirements.

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)	BATT WIDTH (mm)	BATTS/ROLLS (per pack)	(m ²) (per pack)
R1.5 U/Floor	90	11.6m x 430mm	3	15
R1.5 Wall	90	430	16	7.98
R1.5 Wall	90	580	16	10.76
R2.0 Wall	90	430	12	5.99
R2.0 Wall	90	580	12	8.07
R2.5 Wall	90	430	6	2.99
R2.5 Wall	90	580	6	4.04
R2.0 Ceiling	120	430	12	5.99
R2.0 Ceiling	120	580	12	8.07
R2.5 Ceiling	165	430	8	3.99
R2.5 Ceiling	165	580	8	5.38
R3.0 Ceiling	185	430	8	3.99
R3.0 Ceiling	185	580	8	5.38
R3.5 Ceiling	200	430	6	2.99
R3.5 Ceiling	200	580	6	4.04
R4.0 Ceiling	210	430	4	2.00
R4.0 Ceiling	210	580	4	2.69

NB: Batt length = 1160mm.

Code Compliant

GreenStuf® products fully comply with the requirements of AS/NZS 4859.1 standard for insulation and the requirements for insulation as per the Building Code of Australia.



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Handling

There are no known hazards with the use or handling of Autex Polyester insulation materials. GreenStuf® 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® 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® should be installed in accordance with the requirements of the Building Code of Australia and AS/NZS3999.

GreenStuf® 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.

Early Fire Hazard Test Results

GreenStuf® 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
Spread of Flame (Index 0-10)	0
Heat Evolved (Index 0-10)	0
Smoke Developed (Index 0-10)	3

Durability

GreenStuf® 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® insulation is classified as non-corrosive. The pH of GreenStuf® is 7.8 (a pH of 7 is neutral).

Moisture

GreenStuf® 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® 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® 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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AUTEX



Autex Pty Ltd
166 Barnfield Rd,
PO Box 5099,
West Heidelberg, Melbourne,
VIC 3081 Australia
Phone +61 3 9457 6700
Fax +61 3 9457 1020
Freephone 1800 678 160
www.autex.com.au

Autex Pty Ltd
16 Bushells Place,
Wetherill Park,
Sydney, NSW 2164
Australia
Phone +61 2 9756 3122
Fax +61 2 9756 3165
www.autex.com.au

Autex Pty Ltd
195 Bank Street,
East Victoria Park,
Perth, WA 6101
Australia
Phone +61 8 9355 1911
Fax +61 8 9355 1032
www.autex.com.au

Autex Queensland Pty Ltd
29 Demand Avenue,
Arundel,
Gold Coast, QLD 4214
Australia
Phone +61 7 5552 5800
Fax +61 7 5571 5008
www.autex.com.au