



## Thermal Batts

GreenStuf® Thermal Batts are 100% polyester thermal insulation segments pre-cut to fit common timber framed walls, ceilings and mid-floor joist spacings.

### Applications

GreenStuf® Thermal Batts are designed for the thermal insulation of residential and commercial buildings. GreenStuf® Thermal Batts can be used in ceilings, internal and external walls and mid-floor cavities. To ensure Building Code compliance Autex Insulation recommends that Architects and building designers consult the relevant Australian Standards before specifying thermal insulation products.

**Building Regulations:** GreenStuf® Insulation will support and assist in meeting the following provisions of the BCA:

BCA Volume One - Class 2-9 Buildings

Section J - Energy Efficiency: Performance requirement JP1

BCA Volume One - Class 2-3 and 9c Buildings

Section F - Health and Amenity: Sound Transmission and Insulation.

Performance requirement FP5.1, FP5.2, FP5.4 and FP 5.5.

BCA Volume Two - Class 1 and Class 10 Buildings

Part 2.6 -Energy Efficiency: Performance requirement P2.6.1

Part 3.8.6 - Health and Amenity, Sound Insulation: Performance requirements P2.4.6



PROUDLY MADE IN  
AUSTRALIA

### Technical

**Acoustic Performance:** GreenStuf® insulation will assist sound reduction by reducing the resonating noise inside the construction cavity. Typical improvement in sound transmission loss through walls with the use of GreenStuf® R2.0 Wall insulation is an increase of 5-6 Rw points. For information and assistance on Thermal and Acoustic design please contact your Autex Account Manager.

| PRODUCT            | NOMINAL THICKNESS (mm) | DIMENSIONS (mm)                  | BATTS PER PACK | m <sup>2</sup> /PACK                      |
|--------------------|------------------------|----------------------------------|----------------|---|
| R1.5 Wall Batts    | 90mm                   | 430mm x 1160mm<br>580mm x 1160mm | 16             | 7.98m <sup>2</sup><br>10.76m <sup>2</sup> |
| R2.0 Wall Batts    | 90mm                   | 430mm x 1160mm<br>580mm x 1160mm | 12             | 5.99m <sup>2</sup><br>8.07m <sup>2</sup>  |
| R2.5 Wall Batts    | 90mm                   | 430mm x 1160mm<br>580mm x 1160mm | 6              | 2.99m <sup>2</sup><br>4.04m <sup>2</sup>  |
| R2.0 Ceiling Batts | 120mm                  | 430mm x 1160mm<br>580mm x 1160mm | 12             | 5.99m <sup>2</sup><br>8.07m <sup>2</sup>  |
| R2.5 Ceiling Batts | 165mm                  | 430mm x 1160mm<br>580mm x 1160mm | 8              | 3.99m <sup>2</sup><br>5.38m <sup>2</sup>  |
| R3.0 Ceiling Batts | 185mm                  | 430mm x 1160mm<br>580mm x 1160mm | 8              | 3.99m <sup>2</sup><br>5.38m <sup>2</sup>  |
| R3.5 Ceiling Batts | 200mm                  | 430mm x 1160mm<br>580mm x 1160mm | 6              | 2.99m <sup>2</sup><br>4.04m <sup>2</sup>  |
| R4.0 Ceiling Batts | 210mm                  | 430mm x 1160mm<br>580mm x 1160mm | 4              | 2.00m <sup>2</sup><br>2.69m <sup>2</sup>  |
| R4.5 Ceiling Batts | 210mm                  | 430mm x 1160mm<br>580mm x 1160mm | 4              | 2.00m <sup>2</sup><br>2.69m <sup>2</sup>  |

**Hazardous Building Materials:** GreenStuf® is non hazardous.

**VOC Emission Safe:**

VOC concentration: 0.01 mg/m<sup>3</sup> (7 days).

GECA/GreenGuard Limit: 0.25 mg/m<sup>3</sup> (7 days).

*Cetec Pty Ltd (Report:RCV080408)*

**Durability:** GreenStuf® has a 50 Year Durability Warranty. GreenStuf® thermal insulation when installed in accordance with the manufacturer's instructions will satisfy the 50 year durability criteria for minimum design life as set out in the ABCB guidance document Durability in Buildings 2006 (Section 2.4).

**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%.

**Non Flammable:** GreenStuf® is classified non flammable.

**Fire ratings:**

AS ISO 9705 - 2003

Australian Group Number: Group 1

SMOGRARC: less than 100m<sup>2</sup>/s<sup>2</sup>

*Report Number: FAR4045*

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 requirements of IEC 60695-11-5.

Certificates available from our website.

**Non Corrosive:** GreenStuf® polyester is pH7.8 (pH7 is neutral)

**Non Toxic, Non Allergenic, Non Irritant:** There are no known hazards with the use or handling of GreenStuf® polyester.

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

**Installation:** Autex recommends that all thermal and acoustic insulation be installed in accordance with the manufacturers instructions (included on each GreenStuf® pack) and AS 3999:1992 Thermal Insulation of Dwellings - Bulk insulation, installation requirements.

**MSDS:** Material Safety Data Sheets (MSDS) are available on request from your Autex Account Manager or by visiting our website [www.autex.com.au](http://www.autex.com.au)

**Specification & Substitution:** Autex specification documents can be downloaded from our website [www.autex.com.au](http://www.autex.com.au)

Substitution of any products should not be accepted and we recommend this be made clear in all specification and tender documents.

**Take Back Programme:** GreenStuf® is recyclable. Autex will gladly recycle used, uncontaminated GreenStuf® insulation to help keep it out of landfill. For more information on recycling GreenStuf® contact Autex on freephone 1800 678 160.

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

GreenStuf® is manufactured in Australia by Autex Pty Ltd. 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 Account Manager.

GreenStuf® is a registered trademark of Autex Industries.

**AUTEX**



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