



# GARAGE DOOR INSULATION

**GreenStuf® Garage Door Insulation is a 100% polyester product designed for improving the thermal and acoustic performance of garages.**

**GreenStuf Garage Door Insulation is supplied in packs of four black slabs with black topping. Each slab is either 1.0m x 2.45m or 1.1m x 2.45m, and can be cut to size to friction fit into garage door sections.**

## APPLICATION

GreenStuf Garage Door insulation has been engineered to fit snugly in place in most standard garage door applications. The product adds R1.1 thermal performance and will also assist with reducing reverberated noise within the garage.

## TECHNICAL

**NZBC Compliance:** 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 may contribute to meeting H1 Energy Efficiency, and G6 Acoustic Design requirements.

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

**Durability:** GreenStuf has a 50 Year Durability Warranty.

**Product Format:** GreenStuf Garage Door Insulation is available as either 1.0m x 2.45m or 1.1m x 2.45m sheets, in black. Custom sizes and self-adhesive backed options are available with minimum order quantities on request.

**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%.

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

### VOC Emission Safe:

VOC concentration: 0.01mg/m<sup>3</sup> (7 days).  
GECA/GreenGuard Limit: 0.25mg/m<sup>3</sup> (7 days).  
*Cetec Pty Ltd (Report: RCV080408)*

**Non-Corrosive:** GreenStuf polyester is considered non-corrosive based on AS/NZS 4859.1 Standard for insulation.

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

**MSDS:** Material Safety Data Sheets (MSDS) are available on request from your GreenStuf account manager or can be downloaded from our website [greenstuf.co.nz](http://greenstuf.co.nz)

**Installation:** GreenStuf Garage Door Insulation should ideally be installed with the black needle punched layer exposed to interior of the garage. The product should be cut using a sharp box cutter type knife to friction fit into the door sections. Additional information and advice are available from your GreenStuf account manager or by visiting our website [greenstuf.co.nz](http://greenstuf.co.nz)



PRODUCT	THICKNESS	WIGHT	DENSITY	FORM	R-VALUE
Garage Door 40mm - Black Pre-Needled Topping (Pin Blend)	40mm	1042gsm	26kg/m <sup>3</sup>	Pad	1.1

**ISO Standards:** GreenStuf is committed to Occupational Health and Safety, Quality and Environmental best practice through our ISO 45001, ISO 9001 and ISO 14001 certified management systems.

**Takeback Programme:** GreenStuf is recyclable. We will gladly recycle used polyester insulation site waste, including offcuts and packaging, to help keep it out of landfills. Please ensure used polyester insulation and offcuts are in a general state of cleanliness in line with standard site conditions. Excessive contamination, such as metal and cement, will not be accepted. Please contact your account manager to request a Material Diversion Certificate prior to dropping insulation off. For more information on recycling GreenStuf, contact us on 0800 428 839.

**Packaging Recycling:** GreenStuf packaging is recyclable LDPE 4. Please refer to your local recycling centres for drop off and collection services.

**Environmental:** GreenStuf® Garage Door Insulation is manufactured using 100% polyester fibre and contains a minimum of 70% previously recycled fibre content (from PET plastic). Greenstuf views waste as a resource with potential, not something to be disposed of. With this in mind, all product trimmings and offcuts are reused, and waste material goes back through production to make more GreenStuf.

GreenStuf products are Global GreenTag GreenRate Level A certified and can be used to contribute to Green Star and Homestar accreditation.

GreenStuf is also Declare certified to be Red List chemical free and can be used in Living Building Challenge projects. For more information, please contact your GreenStuf account manager, or visit our website [greenstuf.co.nz](https://www.greenstuf.co.nz)



**GreenStuf® FACTORY AND COLLECTIONS**

40 Westpoint Drive,  
Hobsonville, Auckland 0618,  
New Zealand

FREEPHONE **0800 428 839**  
PHONE **+64 9 828 9179**  
FAX **+64 9 828 5810**  
WEB **[greenstuf.co.nz](https://www.greenstuf.co.nz)**

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