



ecofleece® Thermal Insulation

ecofleece® – Application

ecofleece® is a range of quality thermal insulation products designed for ceilings, walls and floors of residential and commercial buildings to assist in meeting the requirements of NZBC H1 energy Efficiency.

ecofleece® consists of recycled sheep's wool which has been thermally bonded with polyester fibre to produce a soft bulk fibre insulation blanket.

ecofleece® – Identifying it

Recycled ecofleece® consists of coloured wool sourced from New Zealand wool product manufacturers blended with up to 40% polyester fibres.

Individual ecofleece® packs are labeled to identify the specific R-Value, coverage per pack in m², material width, unit number or length of material, nominal thickness, minimum weight and date of manufacture. ecofleece® complies with the insulation standard AS/NZS 4859.1.

ecofleece® – Benefits and features

- ecofleece® is produced from natural fibre making it a pleasure to install.
- ecofleece® helps prevent moisture build up, reducing the chance of condensation and mould.
- Sheep's wool is said to 'breathe' by absorbing and releasing water vapour.
- ecofleece® will work in harmony between the inside and outside environments keeping the building warmer in winter and cooler in summer.
- ecofleece® has great acoustic properties and can reduce unwanted noise.
- The sheep's wool content in ecofleece® is 100% recycled wool.



ecofleece® – Vermin

The sheep's wool in **ecofleece**® insulation is treated with lavanil during the scoring process to resist attack from insects. Lavanil comprises of bifenthrin and other inert ingredients with a pH of 7.0 (pH7.0 being neutral).

ecofleece® – Testing

The following independent testing of **ecofleece**® insulation has been undertaken:

- Thermal resistance – **BRANZ**
- Corrosivity – **Materials Performance Technologies**
- Insect resistance – **Canesis**

ecofleece® – Quality assurance

Eco Insulation's manufacturing systems and materials supply have been audited by BRANZ as part of the Appraisal process. Eco Insulation's manufacturing systems and materials supply are subjected to regular in-house quality control checks.

ecofleece® – Warranties

Eco Insulation will check and certify the installation of their products when their own licensed installer is used. Refer to our website for your nearest Eco Insulation Accredited Installer.

ecofleece® – Installation

Eco Insulation recommends that all thermal and acoustic insulation be installed in accordance with the manufacturer's instructions (included in each pack) and NZS 4246: Energy Efficiency Installing Insulation in Residential Buildings.

Eco Insulation has a network of trained installers to ensure our products are installed correctly to the above standards. Eco Insulation is a member of IAONZ (Insulation Association of New Zealand).

ecofleece® – Availability

Contact Eco Insulation for your local supplier of **ecofleece**®.

ecofleece® – Finding out more

To obtain further information on **ecofleece**® insulation, **ecofleece**® Accredited Installers, suppliers, or any other Eco Insulation solutions for New Zealand homes please call TOLL-FREE on **0800 400 ECO** or visit;

www.ecoinsulation.co.nz .

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Local Stockist

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