



The Benefits of Polyester Insulation, compared to other types of insulation.

- ~Non-Allergenic~
- ~Moisture resistant~
- ~Vermin Resistant~
- ~Lifetime warranty~

Higgins Polyester Ceiling Batts are manufactured from polyester, a safe, non-toxic, itch free, allergy friendly, lightweight material that has high tensile strength and robustness. The polyester fibres are durable and resistant to most chemicals, stretching, shrinking and mildew. It being naturally hydrophobic and quick drying, means polyester insulation repels water and is largely unaffected by moisture. All of these attributes combined, mean that Polyester insulation, provides superior, longer lasting performance in your home.

Benefits of Higgins Polyester Insulation:

- Up to 85% Recycled polyester fibre
- No harmful VOCs (volatile organic compounds)
- Does not contain Formaldehyde
- Does not contain Phenol
- Does not contain Ammonia
- Zero ODP rating (ozone depleting potential)
- Zero Chlorides (non corrosive)
- Durability (will not subside or crumble over time)
- 100% Recyclable
- Reusable
- Non-irritant
- No protective clothing or equipment needed when installing
- No need to restrict access to other trades people during installation
- Proven performance both thermal and acoustic
- Material R Values that give year round performance
- Meets the Australian Standard AS/NZS1530.3 for fire safety

Non-Allergenic & Asthma Friendly Polyester Insulation

The polyester fibres used in Higgins polyester insulation products have non-allergenic properties and are safe for Asthma sufferers. Higgins polyester insulation products do not contain binders that may deteriorate and crumble over time, or use short or brittle fibres that are prone to breakage and easily breathed in. Therefore, Higgins polyester insulation products do not have the potential to create dust due to fibres or other detritus working their way down through lighting and air conditioning vents in the ceiling. Polyester insulation is one of the types of fibrous insulation recommended by Asthma Foundations Australia for use in low allergen or asthma friendly buildings.

Information on other types of Insulation on the Market:-

Glasswool/Fibreglass insulation:

Gold batts, Pink batts, are all Glasswool/Fibreglass. The main difference is the colour they are dyed. They all require PPE (Personal Protective Equipment) when being installed, such as disposable suits and masks, to prevent the installers inhaling glass fibres.

Glasswool batts in the long run, are not resistant to moisture, mould and mildew, and can therefore deteriorate over time, especially if you don't have Anticon foil under your tin or tile roof.

Glasswool batts, are not vermin resistant and can easily be shredded by possums/mice/rodents, who won't eat the glasswool, but it is warm and comfortable for them.

Earthwool is the tradename for a glasswool (fibreglass) insulation product manufactured by Knauf Insulation.

Because there are more benefits to Polyester Insulation, glasswool batts have a lower price point.

Cellulose Fibre Insulation OR Cool 'n' Cosy insulation:

This product was popular in the late 80s and 90s. It is made from shredded newspaper/phone books, with chemicals added to make it fire resistant and vermin resistant.

Unfortunately, when it reaches the age of about 10-15 years, the chemical dissipates and is no longer fire resistant. Being a paper insulation product, it absorbs moisture and can cause problems with ceiling's sagging, and nails letting go, leading to plastering repairs. It is recommended to get it vacuumed out of your ceiling by the correct equipment.

Foil insulation:

Foil insulation is conductive; therefore, any work done in the ceiling requires all power to be shut off at the property. It should only be used as a moisture barrier under your tin or tile roof. The foil lined insulation only has a maximum rating of R1.8 and is designed to go over your roof trusses before the roof is installed. For the Queensland climate, you should have an R rating of at least between R3.5 and R4.1.

