

Keep Glasswool & Foil-Faced Glasswool dry May 2024

At Fletcher Insulation, we pride ourselves on not only being a quality manufacturer, but also an industry partner to our customers. We want to ensure our customers are up-to-date on information that affects product quality and performance.



Did you know that glasswool and foil-faced glasswool insulation must be kept dry at all times?

Like any building product intended for internal use, glasswool insulation is designed to remain dry.

Should our glasswool products not remain dry, the following may occur:

- the performance of the product could potentially be affected;
- the warranty could be voided; and/or
- longer-term warranty or liability issues for installers could be created.

Wet insulation can permanently affect performance and void warranties

To ensure the performance of Fletcher Insulation glasswool insulation products they must be kept dry during transit, storage, installation, and use. Insulation is used within the building envelope and is designed to perform in a dry application.

These requirements are detailed on our warranty documents, installation instructions and are also on our product packaging.



Why keep insulation dry?

Insulation works by trapping air within the structure of the product. The glass strands are interwoven during the manufacturing process to trap air within the product. Air is a poor conductor of heat and the air pockets form the insulation medium for the insulation products.

Although this may sound like a simple process, manufacturing these products to maximise the insulation properties after packaging is quite complex. The manufacturing process has been developed for a dry application and a product that has become wet may offer a lower in-situ thermal performance.

It is important to note that not only will water impact the performance of the insulation, but it may also cause damage to other building materials it comes in contact with and/or cause mould issues.

What can you do to keep your insulation dry?

When storing insulation, even when packaged, make sure that it is stored in a dry area out of the elements where it may come into contact with water.

Prior to installing, check to see that the product is dry. During installation, ensure that products do not become wet and ensure external cladding is applied without delay. If the insulation is exposed before a roof or wall cladding is applied, ensure that there is suitable protection to prevent the products from becoming wet. If the insulation does become wet prior to the external cladding being applied, do not apply the external cladding.

Instead, remove the wet insulation and replace it with dry insulation.

Finally install all flashings and protections to prevent ingress of water into the building envelope. This will not only protect the insulation, but also protect other building materials within the building envelope from potential water damage.

Check the fine print

If the insulation becomes wet, the commercial 10 year warranty on Fletcher Insulation commercial building products and the Lifetime Warranty on Pink Batts may be voided. It may also void the warranties from other building materials suppliers, so check the warranty conditions on all products used on the building.

Resources

Technical Data Sheets

<https://insulation.com.au/download-categories/technical-data-sheets/>

Warranties

<https://insulation.com.au/download-categories/warranties/>

Installation Guides

<https://insulation.com.au/download-categories/installation-guides/>

More information

For further details contact your Fletcher Insulation representative.