

Installation of Glasswool Bulk Insulation for the thermal insulation of buildings

National Construction Code (NCC) 2016 Building Code of Australia (BCA) Volume 1 Part J1.2 Thermal construction — general, and Volume 2 Part 3.12.1.1 Building fabric thermal insulation, both set out the Deemed to Satisfy requirements in relation installation of materials for the thermal insulation of buildings. To comply with BCA requirements for installation of insulation materials, the insulation must comply with AS/NZS 4859.1: General criteria and technical provisions, which notes the installation guidelines set out in AS3999: Bulk thermal insulation—Installation.

In AS3999, Section 3.4 General Insulation Method:

“c) Bulk insulation shall be dry when installed unless otherwise specified by the manufacturer. “

Bulk insulation installed in all roofs, ceilings, walls and floors must comply with this criterion to achieve the thermal performance as designed.

CSR Bradford products such as Anticon, Acoustigard, Gold Wall and Ceiling batts, Optimo, SoundScreen etc., are bulk insulation products and the installation of these products must comply with AS3999.

Storage

Bulk insulation products should be stored in packaging provided until installation.

Installation

Bulk insulation products must be installed dry.

It is not recommended that the installation be started if it cannot be completed. In the event that an installation cannot be completed, it is recommended the product to be covered before rain or adverse weather conditions.

Water damage

If the bulk insulation product gets wet during install, it will be required to be removed and replaced as the insulation will not dry out in situ.

Failure to keep the insulation dry may lead to:

- Corrosion of metal cladding
- Insulation may not recover to its original thickness and its thermal performance will be significantly reduced
- Unseen mould growth or even worse, ceiling staining or permanent damage resulting from trapped water in the building cavity

Product Warranty

CSR Bradford Product Warranty does not cover any Product defect or damage to the extent it is caused or contributed to as a result of water exposure and/or incorrect onsite storage prior to or during installation. Please refer to the relevant CSR Bradford Warranty document for full details.

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