

# Allco - Casali Double Layer Waterproofing System

Product Technical Statement: 109070



Torch on membrane installed directly over a roof substrate.

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## Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either a BRANZ or independent Appraisal or CodeMark



Allco confirms that this minimum level of assurance has been met or exceeded by the following:

BRANZ Appraisal

[647](#)



## Technical Statement

### Scope of use

Designed, specified and installed in accordance with all Allco supplied documentation.

### New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B2 Durability:** Performance B2.3.1, B2.3.1(b), B2.3.2
- **Clause E2 External moisture:** Performance E2.3.1, E2.3.2
- **Clause F2 Hazardous building materials:** Performance F2.3.1
- **Clause G12 Water supplies:** Performance G12.3.2(a), G12.3.2(b), G12.3.2(c)

### Notes

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### Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:



BRANZ Appraisal

[647](#)

### Use in Service History

Casali Dermabit membrane system has been used in New Zealand for more than 10 years

## Product Criteria

### Design requirements

Casali Dermabit/Dermafil Roof and Deck Membrane Systems are installed as multi-layer systems with either a mineral chip finish or a sand finished layer with a UV protective paint. Decks are to be protected with a pedestal system. The membranes are cold glued/heat welded to the substrate with heat welded joints.

When the Casali Dermabit/Dermafil Roof and Deck Membrane Systems are used for specifically designed buildings as detailed within Paragraph 2.2 of this Appraisal, only the bond of the membranes to the substrate and the durability of the membranes are within the scope of this Appraisal. All other aspects of the building, including weathertightness detailing of junctions, need to be specifically designed and are outside the scope of this Appraisal.

The effective control of internal moisture must be considered at the design stage due to the impermeability of the membranes. Refer to BRANZ publication Good Practice Guide - MembraneRoofing.

Casali Dermabit/Dermafil Roof and Deck Membrane Systems are for use on roofs, gutters, parapets and decks where an impervious waterproof membrane is required to prevent damage to building elements and adjoining areas. The products can be used on new or existing buildings.

Allco Waterproofing Solutions Ltd should be consulted as to the suitability of any existing substrates prior to using Casali Dermabit/Dermafil Roof and Deck Membrane Systems.

### Installation requirements

Allco Waterproofing Solutions Ltd should be consulted as to the suitability of any existing substrates prior to using Casali Dermabit/Dermafil Roof and Deck Membrane Systems.

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### Company Contact Details



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## Maintenance requirements

The membrane roof and deck systems, including any areas with a UV coating applied, must be regularly (at least annually) checked for damage, rubbish, debris or coating breakdown.

Damage, such as small punctures and tears must be repaired and coatings reapplied as recommended by Allco Waterproofing Solutions Ltd.

Special care must be taken when inspecting the membrane roof and deck systems to ensure the continuing prevention of moisture ingress. and repairs must be undertaken where required.

Drainage outlets must be maintained to operate effectively.

## Warrantees

20 year material only warranty

## Company Product Information

### Quality Assurance



ISO 9001 (Quality Management)

### Relationships



Member of New Zealand Green Building Council



Date last validated: **23 September 2020**



Date last updated: **23 September 2020**

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