

Sisalation® SureWrap™ Roof is a fire retardant absorbent underlay. Synthetic underlay

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include technical information by manufacturer and either an independent assessment or reference to an industry-based scheme



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

BRANZ Appraisal

[909](#)

Technical Statement

Scope of use

Sisalation® SureWrap™ Roof Underlay has been for use as a self-supporting roof underlay on buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1 with regards to building height and floor plan area; and,
- with masonry tile roof cladding; and,
- with metal tile and profiled roof cladding; and,
- situated in NZS 3604 Building Wind Zones up to, and including "Extra High".

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

Supporting Evidence

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



BRANZ Appraisal

[909](#)

Product Criteria

Design requirements

Sisalation® SureWrap™ Roof Underlay is an alternative to kraft paper roof underlay, which are fixed over timber or steel framed roofs in order to:

- Limit the entry of wind into the roof cavity, and
- To assist in the moisture management of the roof cladding system.

Considerations:

For the long term performance of both synthetic and kraft underlays, condensation and moisture related issues should be considered.

Adequate ventilation can minimise or prevent the build-up of condensation by allowing moisture laden air to escape from the roof cavity before it can build to critical levels.

Installation requirements

Installation

- Fixed and secured adequately with 6-8mm staples or 20mm large-head clouts or proprietary
- Pulled taut and installed in a manner that prevents ponding of condensation
- Where overlaps are required, Lap by 150mm min
- Additional support (galvanized wire netting) is required where support spans are over 1200 mm

Sisalation® SureWrap™ is suitable for use on roof pitches of minimum 3°

When installed at:

- Roof pitches $\geq 8^\circ$, Sisalation® SureWrap™ Roof may be run vertically or horizontally without support
- Roof pitches $< 8^\circ$, Sisalation® SureWrap™ Roof may be run horizontally without support, if run vertically it must be supported



masterspec partner

Company Contact Details



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Maintenance requirements

Sisalation® SureWrap™ Roof Underlay must not be exposed to the weather or ultra violet light for more than 7 days before being covered by the roof cladding.



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