

Sisalation® SureWrap™ Wall is a fire retardant absorbent underlay. It is a synthetic underlay

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



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

BRANZ Appraisal

[910](#)

Technical Statement

Scope of use

As a **flexible wall underlay** on the following applications:

- Timber and steel framed buildings with absorbent and non-absorbent wall claddings direct fixed to the framing.
- Timber and steel framed buildings with absorbent and non-absorbent wall claddings installed over a drained cavity.
- With masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 for timber framed buildings or to a specific design for steel framed buildings
- Timber and steel buildings situated in NZS 3604 Wind Zones up to and including Very High.

It can also be used :

- As an air barrier to walls that are not lined, for instance gable ends
- As a flexible wall underlay over rigid wall underlays on timber and steel framed buildings.

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

[910](#)

Product Criteria

Design requirements

Sisalation® SureWrap™ Wall Underlay is an alternative to kraft building papers and is designed to act as a secondary barrier to wind-driven rain.

Sisalation® SureWrap™ Wall Underlay must not be exposed to the weather or ultra violet light for more than 42 days and must not be used as a roof underlay

Installation requirements

Installation on Timber and Steel framing

- Run horizontally with print facing outwards
- End laps should not be less than 150mm and made over framing
- If horizontal joints are required, lap the upper sheet over the lower sheet to prevent water ingress between sheets – laps should be not less than 150mm
- Sisalation® SureWrap™ Wall should extend from the upper-side of the top plate to the under-side of the bearers or bottom plate for concrete slab floors
- Install taut over framing
- Secure to framing using clouts (>20mm) or staples (6-8mm) at no greater than 300mm centres

Cavity Installations where cavity battens are to be installed at greater than 450mm centres

- Install Sisalation® SureWrap™ Wall as above



masterspec partner

Company Contact Details



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- Fix polypropylene tape (e.g. DanBand) at 300 centres horizontally over framing, before installing the cavity battens

Maintenance requirements

Provided it is not expected to be weathered or ultra-violet light for a total more than 42 days, and provided the exterior cladding is maintained in accordance with the cladding manufacturer's instructions and the cladding remains weather resistant, Sisalation® SureWrap™ Wall Underlay is expected to have a serviceable life equal to that of the cladding.



Date last validated: **13 January 2017**



Date last updated: **13 January 2017**

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