

Multi purpose Weathertightness adhesive backed sealing and flashing tape

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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



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

BRANZ Appraisal
[838 \(2019\)](#)

Technical Statement

Product Description

Multi-Purpose Weathertightness Sealing Tape for windproof and weathertight sealing as a:

Wall sealing tape - for use with SOLITEX,EXTASANA and other weathertightness layers

Roof sealing tape - for sealing the overlapping of roof underlays. eg SOLITEX MENTO

Flashing tape - for sealing head flashings to wall underlays and around penetrations

TESCON EXTORA roll sizes 60mm, 100mm, 150mm and 200mm wide, all widths are 30m long.

Key Features:

- BRANZ Appraised (Appraisal No 838)
- Waterproof from the outside
- Can be applied to wet surfaces
- Very high adhesion on cold surfaces
- Diffusion open
- Easy to cut
- Highly UV stabilised
- Thin and flexible
- <https://declare.living-future.org/products/tescon-vana-tescon-profil-tescon-profect-tescon-invis-tescon-extora-extora-profil>

Scope of use

TESCON EXTORA Sealing Tape has been appraised as a flashing tape for use around the head and jambs of window and door joinery openings for buildings within the following scope:

1. the scope limitations of NZBC E2/AS1, Paragraph 1.1; and,
2. with a risk score of 0-20, calculated in accordance with NZBC E2/AS1, Table 2; and,
3. with wall cladding systems complying with NZBC E2/AS1 or a valid BRANZ Appraisal that specifies a flexible flashing system; and,
4. with a compatible flexible wall underlay fixed directly to the framing or over-fixed over a rigid wall underlay (fibre cement sheet & H3.2 treated plywood in accordance with NZBC E2/AS1, Paragraph 9.1.7.2); and,
5. situated in NZS 3604 Wind Zones up to, and including, Extra High.

TESCON EXTORA Sealing Tape has also been appraised as a joint sealing tape for rigid wall underlays (fibre cement sheet & H3.2 treated plywood in accordance with NZBC E2/AS1) which are over-fixed with a flexible wall underlay in accordance with NZBC E2/AS1, Paragraph 9.1.7.2 on buildings within the following scope:

- Points 1,2,3 & 5 above.

TESCON EXTORA Sealing Tape has also been appraised as a lap sealing tape for flexible wall and roof underlays, and as a tape for sealing metal & uPVC head flashings to flexible wall underlays in accordance with NZBC E2/AS1, Paragraph 9.1.10.3.

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(b), B2.3.2
- **Clause E2 External moisture:** Performance E2.3.2



masterspec partner

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- **Clause F2 Hazardous building materials:** Performance F2.3.1

Notes

In the opinion of BRANZ, TESCON EXTORA Sealing Tape, if designed, used, installed and maintained in accordance with the statements and conditions of Appraisal 838, will meet or contribute to meeting the following provisions of the NZBC:

Clause B2 DURABILITY: Performance B2.3.1 (b), 15 years and B2.3.2. TESCON EXTORA Sealing Tape meets these requirements. See Paragraphs 8.1 and 8.2 of Appraisal 838.

Clause E2 EXTERNAL MOISTURE: Performance E2.3.2. TESCON EXTORA Sealing Tape contributes to meeting this requirement. See Paragraphs 7.1 - 7.5 and 11.1 - 11.4 of the Appraisal.

Clause F2 HAZARDOUS BUILDING MATERIALS: Performance F2.3.1. TESCON EXTORA Sealing Tape meets this requirement and will not present a health hazard to people.

Supporting Evidence

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



BRANZ Appraisal
[838 \(2019\)](#)

Product Criteria

Design requirements

Design Information

General

1 TESCON EXTORA Sealing Tape has been assessed against BRANZ criteria which is an alternative solution to the test method referenced by NZBC Acceptable Solution E2/AS1, Paragraph 9.1.5 (b). The installation method for TESCON EXTORA Sealing Tape to the lintel/jamb junction of the wall penetration openings follows the installation guidelines provided within NZBC Acceptable Solution E2/AS1.

2 TESCON EXTORA Sealing Tape must not be used on horizontal surfaces, such as sills of joinery openings, where fasteners will penetrate the tape. A self-sealing flashing tape which meets the requirements of AC148:2001 (including nail sealability) and is covered by a valid BRANZ Appraisal, such as Pro Clima (NZ) Ltd TESCON EXTONSEAL (refer BRANZ Appraisal No. 815 (2013) TESCON EXTONSEAL Sill Tape), must be used in these areas.

3 The use of flexible flashing systems around window and door joinery openings is critical to assist the overall weathertightness performance of window and door joinery installations.

4 TESCON EXTORA Sealing Tape is designed to prevent air leakage and water penetration around the heads of window and door joinery openings at the lintel/jamb junction, and to keep any water that gets past the cladding or through the joinery, from direct contact with the framing

5 TESCON EXTORA Sealing Tape is not designed to overcome poor detailing and workmanship of the window or door joinery installation. The system must not be considered in isolation, but be considered as part of the flexible flashing and wall cladding system.

6 When the TESCON EXTORA Sealing Tape is used in conjunction with LOSP (light organic solvent preservative) treated timber, the solvent from the timber treatment must be allowed to evaporate (generally at least one week) prior to the installation of the system.

7 TESCON EXTORA Sealing Tape is designed to prevent air leakage and water penetration at sheet joints to rigid wall underlays (fibre cement and H3.2 treated plywood in accordance with NZBC Acceptable Solution E2/AS1, Paragraph 9.1.7.2). The rigid wall underlay must be over-fixed with a flexible wall underlay in accordance with NZBC Acceptable Solution E2/AS1, Paragraph 9.1.7.2 c).

8 Although not a NZBC requirement, laps of flexible roof and wall underlays may be taped with TESCON EXTORA Sealing Tape to reduce air leakage and water penetration. However, the underlay laps must still meet the requirements of NZBC Acceptable Solution E2/AS1, Paragraphs 8.1.5 and 9.1.7.1.

Installation requirements

Installation of the TESCON EXTORA Sealing Tape must be supervised or completed by an LBP with an understanding of flashing tape systems.

Before the TESCON EXTORA Sealing Tape is applied, the substrate surfaces must be clean, dry and free from any surface contaminants such as dust and grease that may cause loss of adhesion.

TESCON EXTORA Sealing Tape must not be stretched. To avoid wastage, the tape can be lapped 100 mm minimum onto itself without reducing the performance of the tape.

If the TESCON EXTORA Sealing Tape is exposed to the weather or UV light for more than 180 days, then it must be replaced with new material.

The Pro Clima (NZ) Ltd PRESSFIX tool is used to ensure adequate adhesion of the tape to the substrate.

The TESCON EXTORA Sealing Tape must not be installed where the ambient air and substrate temperatures are less than -5°C. Care is required to ensure adhesion is still able to be achieved when the temperature is less than 0°C.

Maintenance requirements

Provided it is not exposed to the weather or ultra-violet light for a total of more than 180 days, and provided the exterior cladding is maintained in accordance with the cladding manufacturer's instructions and the cladding remains weather resistant, TESCON EXTORA® is expected to have a serviceable life equal to that of the cladding.

No maintenance is required during this time

Warrantees

The Pro Clima Warranty Agreement applies to TESCON EXTORA® as per other Pro Clima products used in the construction. The Warranty period for products shall begin at the time of the sale of the product to the first customer by Pro Clima NZ Ltd, and shall end six years after this time.

The warranty period shall extend to ten years after the time of the sale of the product to the first customer by Pro Clima NZ Ltd if installation of the products is carried out solely in combination with Pro Clima standard products, insofar as products for the relevant application are available as part of the Pro Clima system.

Please contact Pro Clima NZ on 0800 PROCLIMA or welcome@proclima.co.nz for more information on the terms and conditions of the Warranty

Company Product Information

Relationships



Member of New Zealand Green Building Council

Videos

[pro clima Sealing Tapes: TESCON EXTORA® and VANA](#)



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