

# One Piece Sill Tape

## BPIR Declaration

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### Designated building product: Class 1

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### Declaration

Marshall Innovations Ltd has provided this declaration to satisfy the provisions of Schedule 1(d) of the Building (Building Product Information Requirements) Regulations 2022.

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### Product/system

<b>Name</b>	One Piece Sill Tape
<b>Identifier</b>	ONEPIECESILLTAPE

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### Description

One Piece Sill Tape is a flexible flashing system used around framed joinery openings as a secondary weather resistant barrier. One Piece Sill Tape is installed into and around the framed joinery opening over the building wrap and exposed frame to cover both the face and edge of the opening framing. One Piece Sill Tape is a SBS modified rubberized asphalt, self adhesive tape. Roll size 150mm x20m.

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### Scope of use

One Piece Sill Tape has been appraised as a flexible flashing system for use around window and door joinery openings for timber-framed buildings within the following scope:

- Constructed with timber framing in accordance with the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1: and,
- constructed with steel framing subject to specific engineering design with building height and floor plan area scope limitations in accordance with NZBC Acceptable Solution E2/AS1; and,
- with a risk score of 0-20, calculated in accordance with NZBC Acceptable Solution E2/AS1, Table 2: and,
- with wall cladding systems complying NZBC Acceptable Solutions E2/AS1 or a valid BRANZ Appraisal; and,
- with flexible underlays compatible with the flashing tape and complying with NZBC; and,
- situated in NZS 3604 Wind Zones up to, and including, Extra High.

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## Conditions of use

One Piece Sill Tape must be installed in accordance with the specifications and latest technical information and must comply with all relevant clauses of the NZBC regulations and standards One Piece Sill Tape is only UV stable for 90 days. Caution when taping onto waterproofing membranes, contact Marshalls to discuss options. When forming a wet seal around joinery openings ensure the tape system is compatible with the selected sealant. A separation tape maybe required. ProTak Spray Adhesive must be used to ensure an adequate key onto wall flexible underlays. Always confirm suitability of tape system over underlays.

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## Relevant building code clauses

**B2 Durability** – B2.3.1 (a, b), B2.3.2 (a, b)

**E2 External moisture** – E2.3.2, E2.3.7

**F2 Hazardous building materials** – F2.3.1

**H1 Energy efficiency** – H1.3.1 (b)

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## Contributions to compliance

When designed, installed and maintained in accordance with suppliers specifications and literature One Piece Sill Tape will meet the requirements of B2 and have a serviceable life equal to that of the cladding to a minimum of 15 years.

E2.3.2 One Piece Sill Tape contributes to meeting this requirement. The tape must not be exposed for more than 90 days.

F2.3.1 One Piece Sill Tape meets this requirement and will not present a health hazard, refer to Marshall Innovations website and view the specific product SDS sheet.

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## Supporting documentation

The following additional documentation supports the above statements:

One Piece Sill Tape Specification	Nov 2016	<a href="https://www.mwnz.com/file/one-piece-sill-tape-specification/open">https://www.mwnz.com/file/one-piece-sill-tape-specification/open</a>
One Piece Sill Tape BRANZ Appraisal	BRANZ 591 (2019)	<a href="https://d39d3mj7qio96p.cloudfront.net/media/documents/591.pdf">https://d39d3mj7qio96p.cloudfront.net/media/documents/591.pdf</a>
One Piece Sill Tape Brochure	Aug 2021	<a href="https://www.mwnz.com/file/one-piece-sill-tape-brochure/open">https://www.mwnz.com/file/one-piece-sill-tape-brochure/open</a>
One Piece Sill Tape Warranty	FL Tape Jun 2020	<a href="https://www.mwnz.com/file/flashing-tapes-product-warranty/open">https://www.mwnz.com/file/flashing-tapes-product-warranty/open</a>

For further information supporting One Piece Sill Tape claims refer to our website.

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## Contact details

Manufacture location	Overseas
Legal and trading name of manufacturer	ProtectoWrap
Legal and trading name of importer	Marshall Innovations Ltd
Importer address for service	41 Hotuhotu Street Tauranga 3110
Importer website	<a href="http://mwnz.com">mwnz.com</a>
Importer NZBN	9429030850743
Importer email	headoffice@mwnz.com
Importer phone number	0800 776 9727

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## Responsible person

As the responsible person as set out in Regulation 3, I confirm that the information supplied in this declaration is based on information supplied to the company as well as the company's own processes and is therefore to the best of my knowledge, correct.

I can also confirm that One Piece Sill Tape is not subject to a warning or ban under [s26 of the Building Act](#).

Signed for and on behalf of **Marshall Innovations Ltd**:



Nick Batt  
CXEO  
December 2023

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# Appendix

Note: The below appendix includes information relating to BPIR Ready.

Publishing this information is not a requirement under BPIR. Its inclusion here is to provide a reference for how this BPIR summary was generated as well as to help summary creators understand the performance clauses suggested by BPIR Ready.

## BPIR Ready selections

Category: Flexible flashing tapes

	Yes	No
Use under masonry cladding systems	x	

## Building code performance clauses

### B2 Durability

B2.3.1

*Building elements* must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the *specified intended life* of the *building*, if stated, or:

- (a) the life of the building, being not less than 50 years, if: those building elements (including floors, walls, and fixings) provide structural stability to the building, or those building elements are difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during both normal use and maintenance of the building
- (b) 15 years if: those building elements (including the building envelope, exposed plumbing in the subfloor space, and in-built chimneys and flues) are moderately difficult to access or replace, or failure of those building elements to comply with the building code would go undetected during normal use of the building, but would be easily detected during normal maintenance.

B2.3.2

Individual *building elements* which are components of a *building system* and are difficult to access or replace must either:

- (a) all have the same durability
- (b) be installed in a manner that permits the replacement of building elements of lesser durability without removing building elements that have greater durability and are not specifically designed for removal and replacement

## E2 External moisture

### E2.3.2

Roofs and exterior walls must prevent the penetration of water that could cause undue dampness, damage to *building elements*, or both.

### E2.3.7

*Building elements* must be constructed in a way that makes due allowance for the following:

- a. the consequences of failure:
- b. the effects of uncertainties resulting from *construction* or from the sequence in which different aspects of *construction* occur:
- c. variation in the properties of materials and in the characteristics of the site.

## F2 Hazardous building materials

### F2.3.1

The quantities of gas, liquid, radiation or solid particles emitted by materials used in the *construction* of *buildings*, shall not give rise to harmful concentrations at the surface of the material where the material is exposed, or in the atmosphere of any space.

## H1 Energy efficiency

### H1.3.1

The *building* envelope enclosing spaces where the temperature or humidity (or both) are modified must be constructed to

- (b) limit uncontrollable airflow