

Joinery flashing tapes for Flexible Air Barriers.

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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



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

CodeMark  
[CMA-CM70075 Rev 1](#)

## Technical Statement

### Product Description

#### 40 Below™ Flashing Tape- Advantages

- Compatible with all building wraps
- Compatible with Masons UNI Flexible Air Barrier
- Incredible adhesion in all conditions
- Simple 4 step installation, save time reducing costs
- 0.2mm Thin only, allows for easier fitting of windows and doors
- Reliable and dependable weather tightness
- Works in temperatures from -40°C up to 65°C
- An Optional Corner Guard is easy to install and increases protection to framing

40 Below passes nail seal ability and is suitable as a single layer application over timber frame. Has been CodeMark Certified by Certmark International For a risk score between 0-20 in accordance with NZBC Acceptable Solution E2/AS1 Passed NZS3604 Building Wind Zones up to and including 'Very High'

#### Scope of use

40 Below & Hydro Flashing Tapes are used to flash around windows and doors as a secondary water-resistant barrier.

40 Below, 40 Below Platinum and 40 Below Flex tapes may also be used to seal joints in rigid air barriers.

40 Below Platinum, 40 Below Flex and Hydro may also be used at joinery heads to seal flashing upstands to the wall underlay.

#### 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), B2.3.2  
By testing and comparison with Acceptable Solution E2/AS1
- **Clause E2 External moisture:** Performance E2.3.2, E2.3.7  
By testing and comparison with Acceptable Solution E2/AS1
- **Clause F2 Hazardous building materials:** Performance F2.3.1  
By comparison with the performance requirements of Building Code Clause F2.3.1

#### Notes

- Tested and approved for sealing joints on: BGC Durabarrier and OS'BraceRAP.
- Meets requirements of the NZBC clauses B2 Durability, E2 External Moisture and F2 Hazardous Materials.
- Reliable adhesion from -10°C to +40°C.
- Passes Screw & Nail Seal ability to ASTM D1970, Section 7.9
- Codemark Certificate [CM-70075](#)

#### Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

1. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause B2 Durability (Amendment 12), 28 November 2019
2. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause F2 Hazardous Building Materials (Amendment 3), 1 January 2017



**masterspec partner**

#### Company Contact Details



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3. Acceptable Solutions and Verification Methods For New Zealand Building Code Clause E2 External moisture 3rd edition (Amendment 10), 5 November 2020
4. PRI Test Report 2309T0001-01 Tests on 40 Below Flashing Tape to AAMA 711, 19 January 2021
5. PRI Test Report 2309T0001-02 Tests on 40 Below Platinum Flashing Tape to AAMA 711, 19 January 2021
6. PRI Test Report 2309T0001-03 Tests on Gerband 587 Flashing Tape to AAMA 711, 19 January 2021
7. LABORATORIO SUDAMERICANO DE ENSAYOS E INVESTIGACIONES TERMODINAMICAS Test Report No 17-13632 Tests on Hydra Flashing Tape to AAMA 711, 3 August 2018
8. Les Boulton & Associates Report 191235-02 Assessment of Masons Self-adhesive Window Flashing Tapes, 20 March 2019
9. 40 Below & Hydro Flashing Tape Installation Instructions, March 2021

## Supporting Evidence

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



CodeMark  
[CMA-CM70075 Rev 1](#)

## Use in Service History

Masons Plastabrick Ltd has been in the industry for over 20 years. We stand by all our products. To speak to one of our team call 0800 522 533

## Product Criteria

### Design requirements

1. 40 Below & Hydro Flashing Tapes are certified for use in buildings: a) within the scope of E2/AS1, and b) located in any wind zone up to and including EXTRA HIGH as defined in E2/AS1, and c) located in any exposure zone.
2. 40 Below & Hydro Flashing Tapes shall be used in accordance with the 40 Below & Hydro Flashing Tape Installation Instructions, March 2021, and the requirements of Acceptable Solution E2/AS1.
3. 40 Below & Hydro Flashing Tapes shall not be installed in areas where it has the potential to be exposed to heat, such as chimney flues.

<https://assets.mpb.co.nz/files/40-below-tapes/22315-40-below-brochure-web.pdf>

[https://assets.mpb.co.nz/files/40-below-tapes/40below\\_rigid-air-barrier\\_leaflet-lo.pdf](https://assets.mpb.co.nz/files/40-below-tapes/40below_rigid-air-barrier_leaflet-lo.pdf)

### Installation requirements

[https://assets.mpb.co.nz/files/40-below-tapes/40below\\_rigid-air-barrier\\_leaflet-lo.pdf](https://assets.mpb.co.nz/files/40-below-tapes/40below_rigid-air-barrier_leaflet-lo.pdf)

### Maintenance requirements

<https://assets.mpb.co.nz/files/40-below-tapes/22172-40below-install-doc-lo-2.pdf>

### Warrantees

<https://assets.mpb.co.nz/files/40below-21-web.pdf>

## Company Product Information

### Environmental

N/A



Date last validated: **04 December 2023**



Date last updated: **04 December 2023**

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