

# Masons UNI Flexible Air Barrier

Product Technical Statement: 112146



A flexible wall underlay. For early enclosure and temporary weather protection for up to 90 days.

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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

[CM70116 Rev1](#)

the Building Business

[PASS Product Assurance Supplier Statement](#)

## Technical Statement

### Product Description

UNI® FAB is a nonwoven, absorbent, water-resistant, 180 GSM, synthetic wall underlay. It comprises three polypropylene layers: two outer layers of nonwoven polypropylene with a middle layer of a functional-technical film. It is manufactured to meet the European standard EN 13859-2:2014 as well as the absorbency performance requirement as per NZS 2295:2006.

### Scope of use

#### Location

- In locations with a wind design pressure (ULS) of up to and including 4.6 kPa (which includes all NZS 3604:2011 wind zones).
- In seismic zones up to and including seismic zone 3.
- In all exposure zones. Further than 1 m from a relevant boundary.

#### Building

- For commercial and residential construction.
- Designed for use with all cladding systems.
- Performs on timber and steel framed buildings.
- As a temporary cladding for up to 90 days.
- With buildings of all building heights, up to the permissible wind design pressure of 4.6 kPa.
- With cladding and joinery that complies with the relevant provisions of the NZ Building Code for the site and location.
- Suitable for use as a non-rigid backing for stucco plaster.
- UNI® is suitable as an air barrier on walls that are not lined.
- For vertical use only, not suitable as a roof underlay.
- UNI® must be covered with a suitable wall lining to any occupied spacings.

### 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 B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.3, B1.3.3(a), B1.3.3(e), B1.3.3(f), B1.3.3(h), B1.3.3(j), B1.3.3(m), B1.3.3(q), B1.3.4, B1.3.4(a), B1.3.4(b), B1.3.4(c), B1.3.4(d), B1.3.4(e)  
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- **Clause B2 Durability:** Performance B2.3.1, B2.3.1(a), B2.3.2(b)  
By testing and comparison with Acceptable Solution E2/AS1 and referenced standard NZS2295
- **Clause C3 Fire affecting areas beyond the fire source:** Performance C3.4(c)  
By testing and comparison with Acceptable Solutions C/AS1 and C/AS2
- **Clause E2 External moisture:** Performance E2.3.2, E2.3.5, E2.3.7(a), E2.3.7(b), E2.3.7(c)  
By testing and comparison with Acceptable Solution E2/AS1 and referenced standard NZS2295
- **Clause F2 Hazardous building materials:** Performance F2.3.1  
By comparison with requirements of performance requirements of Building Code clause F2.3.1

### Notes

#### Evidence

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

Refer to CodeMark statement: <https://assets.mpb.co.nz/files/uni/masons-uni-flexible-air-barrier.pdf>

#### Supporting Evidence

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



CodeMark

[CM70116 Rev1](#)

the Building Business

[PASS Product Assurance Supplier Statement](#)

#### Use in Service History

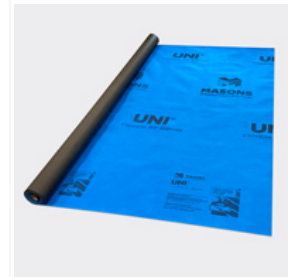
Masons has been in business for over 20 years. They have a team of reps to support customers with Masons Products. For more information please call 0800 522 533 or visit Masons website: [mpb.co.nz](http://mpb.co.nz)

## Product Criteria

### Design requirements

Please use this link:

<https://mpb.co.nz/wp-content/uploads/2021/11/21232%20Masons%20UNI%20Flexible%20Air%20Barrier%20Design%20and%20Install%20Guide%20V1.pdf>



masterspec partner

#### Company Contact Details



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Designed Smart, Built Tough.

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## Installation requirements

Please use this link:

<https://mpb.co.nz/wp-content/uploads/2021/11/21232%20Masons%20UNI%20Flexible%20Air%20Barrier%20Design%20and%20Install%20Guide%20V1.pdf>

## Maintenance requirements

Please use this link:

<https://mpb.co.nz/wp-content/uploads/2021/11/21232%20Masons%20UNI%20Flexible%20Air%20Barrier%20Design%20and%20Install%20Guide%20V1.pdf>

## Warrantees

Please use this link:

Please use this link:<https://mpb.co.nz/wp-content/uploads/2021/11/21232%20Masons%20UNI%20Flexible%20Air%20Barrier%20Design%20and%20Install%20Guide%20V1.pdf>

## Company Product Information

### Videos

[UNI Flexible Air Barrier Installation Instructions](#)



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