

# Keep Construction Moving

## With UNI, UNI PRO & UNI PLUS

### FLEXIBLE AIR BARRIERS

Keep the elements out, so your building project can continue despite bad weather and material delays



**MASONS**  
Designed Smart, Built Tough.



#### STAY ON TRACK WITH YOUR BUILD

If weather is bad or cladding delayed

UPTO  
**150**  
DAYS

#### TEMPORARY WEATHER PROTECTION

For at least 90 days and up to 150 days



#### QUICK AND EASY TO INSTALL

Full support with videos and training



# Introducing our family of UNI Flexible Air Barriers

Costs increases and inflation are among the biggest contributors to increased project costs.

By installing a UNI Flexible Air Barrier, you get at least 90 and up to 150 days of rain and UV protection for unclad framing. Building teams can continue working inside, even when the cladding is delayed.

Once installed, these heavy-duty Flexible Air Barriers are an excellent second line of defence – they are vapour permeable, allowing moisture vapour to pass out of the building envelope for the life of the building.



# Choose the right Flexible Air Barrier for your build



No more Hold-ups if Cladding is Delayed	A Secondary Line of Defence Against Moisture	Very Thick, Strong and Tear Resistant	Easy to Install. Full Training Given	A Fraction of the Cost of Rigid Air Barriers

	UNI	UNI PLUS	UNI PRO
UV Resistance	90 days	90 days	150 days
Structure	3 layers	3 layers	3 layers
Fire retardancy	No	Yes	No
Colour of substrate	Blue external / black internal	Blue external / white internal	Blue external / white internal
Roll Size	2.74m x 18.25m = 50m <sup>2</sup>	2.74m x 18.25m = 50m <sup>2</sup>	2.74m x 18.25m = 50m <sup>2</sup>

## A stronger structure brings multiple benefits

The UNI family of Flexible Air Barriers are nonwoven synthetic wall underlays that come in three grades: UNI, UNI PRO and UNI PLUS.

Thicker and stronger than conventional building wrap materials, UNI's multiple-ply structure is a barrier to both air and water, while still allowing water vapour to diffuse creating a drier, more comfortable environment inside and a more effective cladding system.

## Applications

- Suitable for commercial and residential construction, timber or steel framing and can be used with all cladding systems.
- Strong and durable and suitable for all areas of New Zealand including up to 'Extra High' wind zones of NZS 3604 using a specific fixing method. (See UNI installation instructions on our website).
- Suitable as a non rigid backing for stucco plaster.
- Suitable as an air barrier on walls that are not lined including gable ends.
- UNI and UNI PRO meet European Standard EN 13501-1 reaction to fire with a Class E rating. Must be covered with a suitable wall lining to any occupied areas as a minimum.
- UNI PLUS is fire retardant under New Zealand standards for flexible wall underlays and may be used without restrictions.

## Easy installation plus all accessories

Masons is committed to supporting builders with their first time use of UNI Flexible Air Barriers. The following resources are available:

- Training videos in English and with Chinese subtitles
- Detailed printable Installation instructions in English and Chinese
- Pre-inspection checklists
- On-site training when appropriate

For documentation, visit our website: [mpb.co.nz](http://mpb.co.nz)

For installation videos check out our **Masons NZ Ltd YouTube Channel**



Masons has been in the industry for over 20 years and strive to give the best service possible to customers.

Should you need technical advice, a nationwide team of representatives with immense knowledge of Masons products is only a phonecall away.

Call **0800 522 533** to be put through to your local Masons Rep.



## New Zealand Building Code Standard (NZBC)

If designed, installed and maintained in accordance with our requirements, all UNI Flexible Air Barriers meet or exceed the requirements of the NZBC. absorbency performance requirement as per NZS 2295:2006.



**PASS** (Product Assurance Supplier Statement)  
For PASS documentation please visit our UNI Flexible Air Barrier product pages at: [mpb.co.nz](http://mpb.co.nz)

**Codemark**  
UNI, UNI PLUS & UNI PRO are codemarked. Visit the MBIE website: [building.govt.nz](http://building.govt.nz) for the latest information.



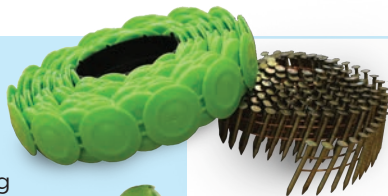
# UNI Installation Accessories

## CN100 UNI Cap Nailer Gun Best Practice to Fix UNI to the Frame

This gun shoots plastic caps with a 25mm ring shanked nail, and increases the holding power of the wrap.

Nails available separately as galvanised or stainless steel.

A 90-100 PSI Air Compressor is also required.



## UNI® Fasteners For Timber Frames

For use with a hammer. Available as a 32mm galvanised or stainless steel nail.



## UNI® Fasteners For Steel Frames

For use with an appropriate driver. 32mm galvanised screw with washer pack.



## 40 Below Flex Flashing Tape

Our most advanced, high performance flashing tape.

Cutting edge adhesive.

Ultra-thin and pliable.

Nail and screw sealable with just one layer.



## 40 Below Platinum Flashing Tape

Superb adhesion in all weather conditions from -10°C to 40°C.

No primers or heat guns required.

Ultra-thin and pliable.

Use a scraper to assist adhesion.



## BrickTies Heavy Duty Earthquake

Masons BrickTies are manufactured to comply with AS/NZS2699.1.2000.

Medium Duty also available.



## Penetration Seals For Pipe Penetrations

Air seal flashings designed for cavity construction where pipes or wires penetrate the air barrier.

Available sizes: 1-75mm and 80-170mm.



## Corner Guards For Windows

To use with the installation of all Masons 40 Below Flashing Tapes.



## PEF Backing Rod Joint Filler

A cylindrical flexible closed cell polyethylene material.

Available in multiple diameters from 6mm to 50mm.



Product Description	Masons Code	Product Description	Masons Code
UNI 2.74m x 18.25m = 50m <sup>2</sup>	UNI2.74x50	40 Below Platinum (or Flex) Flashing Tape 150mm x 20Lm, 75mm x 20Lm	40PLBELOW150x20 40PLBELOW75x20
UNI PRO 2.74m x 18.25m = 50m <sup>2</sup>	UNIPRO2.74X50	40 Below Flex Flashing Tape or 40 Below Platinum Flashing Tape	40BELOWFLX150x20 40BELOWFLX75x20
UNI PLUS 2.74m x 18.25m = 50m <sup>2</sup>	UNIPLUS2.74X50	Penetration Seal - 1-75mm Pack of 10	PSEAL75
UNI Fasteners Galv Nail and Washer 32mm QTY 2500 (for use with hammer)	UNIFASTGN	Penetration Seal - 80-170mm Pack of 10	PSEAL170
UNI Fasteners Stainless Steel Nail & Washer 32mm QTY 2500 (for use with hammer)	UNIFASTSS2500	BrickTies - various sizes - Galv & Stainless	visit: mpb.co.nz
UNI Fasteners. Bucket of collated screws for Stainless Steel frames. QTY 1500	UNIFASTSTLFRAME	PEF Rod - various sizes - 6-50mm diameter	visit: mpb.co.nz
UNI Cap Nailer Gun	UNICAPNAILER	Corner Guards - 50 pack	HYDROCG50
UNI Nail Washer Pack for UNI Gun QTY 2000 Galv for use with Gun	UNINAILPACK		
UNI Nail Washer Pack for UNI Gun. Stainless Steel 2,000 for use with gun	UNINAILPACKSS		