UNI® FR
Fire Retardant Flexible Air Barrier

CARRY ON INSIDE

WHILE YOU WAIT FOR CLADDING OUTSIDE

STAY ON TRACK WITH YOUR BUILD IF CLADDING IS DELAYED

90 DAYS
TEMPORARY WEATHER PROTECTION FOR UP TO 90 DAYS

QUICK & EASY TO TRANSPORT AND INSTALL

UNI FR Soffit Roll
0.6m X 18.25m (10.95m²)
With ‘peel & stick’ adhesive strip

UNI FR Soffit Roll now available!
UNI® FR FAB®

More than just a building wrap. It’s a game changer!

UNI® FR is a NZ designed Flexible Air Barrier (FAB®) which has unique reinforcing and highly water resistant features allowing work to continue on the inside of the building for up to 90-days, without waiting for the cladding to be complete. Line and insulate as soon as the frames are dry.

UNI® FR is fire retardant.

UNI® FR is much cheaper than rigid air barriers (materials and labour) with most of the benefits.

UNI® FR is also a secondary line of defence against moisture over the life of the building and is highly breathable, passing vapour from inside the building out.

UNI® FR is quick and easy to install.

UNI® FR has 4 layers: a high vapour permeable water resistant membrane sandwiched between two tough layers of non woven polyolefin fabric plus a layer of reinforced fibreglass for added strength and tear resistance.

Available as:
UNI® FR Rolls
2.74m x 18.25m roll = 50m²

And UNI® FR Soffit Rolls
With a handy ‘peel and stick’ adhesive strip for easy application.
0.6m x 18.25m roll = 10.95m²

No more Hold-ups due to Cladding Delays or Weather
Fire Retardant
Secondary line of Defence Against Moisture
Easy to Install. Full Training Given
More Cost Effective than Rigid Air Barriers
**UNI® FR Accessories**

**CN100 UNI Cap Nailer Gun**
To Fix UNI FR to the Frame
Best practice for securing UNI FR. This gun shoots plastic caps with a 25mm ring shanked nail, and increases the holding power for UNI FR.
A 90-100 PSI Air Compressor is also required.

**UNI® Fasteners**
Available as:
- Galvanised nail and washers for wood frames for use with a hammer.
- Galvanised nail and washer pack for wood frames using a UNI Cap Nailer.
- Galvanised screws and washers for steel frames.

**UNI® FAB Seam Tape**
For Seams and Repairs
A Seam and repair tape based on polypropylene non-woven (PP) fabric.
Made specifically for building wraps and underlays.

**40 Below Ultra Sticky Flashing Tape**
For adhesion in all weather conditions from -40°C to 65°C
No primers or heat guns required.
Use a scraper to assist adhesion.

**BrickTies**
Heavy Duty Earthquake
Masons BrickTies are manufactured to comply with AS/NZS2699.1.2000.

**Penetration Seals**
For Pipe Penetrations
Air seal flashings designed for cavity construction where pipes or wires penetrate the air barrier.
Available sizes 0-80mm and 85-170mm.

**Corner Guards**
For windows
To use with the installation of Masons 40Below™ Ultra Sticky Flashing Tape.

**PEF Backing Rod**
Joint Filler
A cylindrical flexible closed cell polyethylene material.
Available in various diameters from 6mm to 50mm.

### UNI FR

| UNI FR Flexible Air Barrier 2.74m x 18.25m = 50m² | 2.74Mx18.25M_50M2 |
| UNI FR Flexible Air Barrier Soffit 0.6m X 18.25m = 10.95m² | 0.6Mx18.25M_10.95M2 |

### Fasteners and Nail Guns

| UNI Fasteners Galv Nail and Washer 32mm QTY 2500 (for use with hammer) | UNIFASTGN |
| UNI Cap Nailer Gun | UNICAPNAILER |
| UNI Nail/ Washer Pack for UNI Gun QTY 2000 (for use with UNI Gun) | UNINAILPACK |
| UNI Nail Washer Pack for Steel Frames QTY 1500 | UNIFASTSTLFRAME |

### Seam Repair and Flashing Tapes

| 40Below Ultra Sticky Flashing Tape 150mm x 20Lm, 75mm x 20Lm | 40BELOW150x20 40BELOW75x20 |
| UNI FAB Seam & Repair Tape 50mm x 25m | UNISEAMTPE |

### Others

| Penetration Seal - 1-75mm Pack of 10 | PSEAL75 |
| Penetration Seal - 80-170mm Pack of 10 | PSEAL170 |
| BrickTies - various sizes - Galv & Stainless visit: mpb.co.nz | |
| PEF Rod - various sizes - 6-50mm diameter visit: mpb.co.nz | |
| Corner Guards - 50 pack | HYDROCG50 |
APPLICATIONS

- Commercial and Residential construction.
- **UNI FR** is absorbent and can be used with all cladding systems.
- **UNI FR** is strong and durable, suitable for all areas of New Zealand including up to ‘Extra High’ wind zones of NZS 3604 using a specific fixing method. (See UNI/ UNI FR installation instructions on our website).
- **UNI FR** performs over timber or steel framing.
- **UNI FR** is suitable to be used as a non rigid backing for stucco plaster.
- **UNI FR** is suitable as an air barrier on walls that are not lined including gable ends.
- **UNI FR** has a fire retardant index of < 5 per AS/NZS 1530.2:1993.

NEW ZEALAND BUILDING CODE STANDARD (NZBC)

The following tests have been carried out in accordance with NZBC Acceptable Solution E2/AS1 Table 23

<table>
<thead>
<tr>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resistance to water vapour transmission in accordance with ASTM E96</td>
<td>Pass</td>
</tr>
<tr>
<td>Resistance to water penetration in accordance with AS/NZS 4201.4:1994</td>
<td>Pass</td>
</tr>
<tr>
<td>Surface water absorbency in accordance with AS/NZS 4201.6:1994</td>
<td>Pass</td>
</tr>
<tr>
<td>Air resistance to BS 6538.3:1987</td>
<td>Pass</td>
</tr>
<tr>
<td>Fire retardant index per AS/NZS 1530.2:1993. &lt;5</td>
<td>Pass</td>
</tr>
</tbody>
</table>

PHYSICAL PROPERTIES

- **UNI FR** is a non-woven breathable synthetic flexible air barrier, reinforced by a mesh scrim.
- **UNI FR** is highly water resistant and designed to provide temporary protection from weather conditions and UV exposure to timber framing without the installation of the cladding, which allows for the continuation of internal work on the house for up to 90 days after installation.

INSTALLATION TRAINING

Masons is committed to supporting builders with their first time use of **UNI FR**. A UNI installation video and printable instructions are available on our website. Please read the instructions carefully and contact Masons for training before first time use.

Call your Masons Rep for further information

South Island: **Riki 021 786 898** ● S. & E. Auckland, Coromandel & Wellington: **Josh 021 929 070**
Central North Island, Tauranga & BOP: **Arthur 021 772 925** ● W. Auckland & Northland: **Jacqueline 021 414 100**