



MASONS

Designed Smart, Built Tough.

Building Products

TRADE ISSUE | VOLUME 13.3

Building Products P.4

Concrete & Tanking P.26

Brick Essentials P.28

Access Panels & Vents P.33

E2 Flashings P.40



MASONS
Designed Smart, Built Tough.



Trent Mason,
Director, Masons NZ Ltd

In New Zealand, our rich history is marked by a strong tradition of innovation and accomplishment. Masons embodies this ethos, founded on the principle of elevating the quality of New Zealand’s building products through a commitment to innovation and resourceful thinking.

Since being established in 1999, Masons has become a key supplier in the New Zealand building industry, offering a variety of quality systems and products for a whole range of building requirements.

Masons offers an extensive range of exterior building products from the frame out.

THE MASONS PRODUCT RANGE CONSISTS OF:

- 1. High performance pliable wall and roof underlays, rigid air barrier and a self-adhesive weather resistive barrier.
- 2. Innovative UNI range of temporary weather protection - Flexible Air Barriers driving building productivity and increased secondary defense from moisture.
- 3. Enviro cladding, flooring, and Intertenancy Wall Systems based on our Enviro AAC panel.
- 4. Construction hardware and accessories including the Masons/Redway E2 range of cavity closers and flashings.
- 5. Masonry veneer ties and reinforcement products.

The Masons full system and product collection can be found at: mpb.co.nz

Legal Notes
The information, and, in particular, the recommendations relating to the application and use of Masons products are given in good faith based on Masons current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Masons recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product’s suitability for the intended application and purpose. Masons reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned. Copies are available on our website mpb.co.nz



BUILDING PRODUCTS

UNI PLUS & UNI PRO Flexible Air Barriers	4
Barricade FR Building Wrap	8
Barricade WD Self-Adhesive Weather-Resistive Barrier	10
VHP Roof Underlay	12
White-Faced Foil	15
Ventilated Roof Battens	15
Insul-Baffle	16
WrapStrap	17
Insulation Strap	17
40 Below™ Flashing Tapes	18
Hydro™ Flashing Tape	20
Penetration Seals	21
Floor Guard - Temporary Floor Protection	22
Fibre Cement Soffit and Sheets	23
Dry Fix™ DPC	24
PEF Rod	25

CONCRETE AND TANKING PRODUCTS

Hydro Seal™ Masonry Sealer	26
Easy-Form Expansion Joint Filler	27

BRICK ESSENTIALS

BrickTies	28
Admixtures and Sealers	30
Brick and Blocklock Masonry Reinforcing	32

ACCESS PANELS AND VENTS

Access Panels	33
Vents, Grilles, Diffusers and Ducts	35

E2 FLASHINGS

Cavity Closers	40
Weatherboard Closers and Starters - UPVC	40
Z Flashings and Brick Kick	40
Fibre Cement Jointers	41

UNI PLUS & UNI PRO

Flexible Air Barriers



STAY ON TRACK WITH YOUR BUILD If cladding is delayed

UP TO 150 DAYS

TEMPORARY WEATHER AND UV PROTECTION
For up to 150 days*



QUICK AND EASY TO INSTALL
Full Masons support with videos and training

*UNI PRO provides up to 150 days weather and UV protection. UNI PLUS provides up to 90 days.

KEEP CONSTRUCTION MOVING WITH UNI PLUS AND UNI PRO FLEXIBLE AIR BARRIERS

Wasted time on construction schedules, escalating costs, and the impact of inflation are major factors contributing to the rise in project expenses. Therefore, maintaining adherence to timelines has become increasingly crucial for construction projects.

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. Interior and exterior trades can work in parallel to speed up programmes.

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.



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

A STRONGER STRUCTURE BRINGS MULTIPLE BENEFITS

UNI PLUS and UNI PRO are nonwoven synthetic wall underlays. 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.

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.

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 the UNI Installation Instructions document 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 PLUS is fire retardant under New Zealand standards for flexible wall underlays and may be used without restrictions.

MASONS UNI PLUS REPLACES THE ORIGINAL UNI.

For years, Masons UNI Flexible Air Barrier has provided weather protection and the ability to continue working inside even before the cladding is fixed. Masons have phased out the original UNI product and UNI PLUS supersedes it.

UNI PLUS has all the benefits of UNI - 90 days to complete interior works without the cladding in place - but has the added benefit of being fire retardant and has a white backing to create a brighter interior working environment during construction.

UNI PLUS is installed in the same way as UNI, using 40 Below Tapes, UNI Cap Nails, and Masons Penetration Seals.



PASS (PRODUCT ASSURANCE SUPPLIER STATEMENT)

For documentation please visit our UNI Flexible Air Barrier product pages at: mpb.co.nz



CODEMARK

All UNI wall underlays have a current Codemark certificate of conformity.

Visit the MBIE website: building.govt.nz for the latest information.



CHOOSE THE CORRECT FLEXIBLE AIR BARRIER FOR YOUR BUILD

	UNI PLUS	UNI PRO
UV Resistance	90 days	150 days
Fire retardancy	Yes	No
Colour of substrate	Blue external / white internal	Blue external / white internal
Roll Size	1.5m x 33.33m = 50m ² 2.74m x 18.25m = 50m ²	2.74m x 18.25m = 50m ²



UNI PLUS
UV PROTECTION



UNI PRO
UV PROTECTION

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 both English and Chinese
- Pre-inspection checklists
- On-site training when appropriate



For documentation,
visit our website:
mpb.co.nz



For installation videos check
out our Masons YouTube
Channel

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 PLATINUM AND 40 BELOW FLEX Flashing Tapes

Excellent adhesion in all weather conditions from -10°C to 40°C. No primers or heat guns required.

40 BELOW PLATINUM: Supurb adhesion. Aggressive and dependable. Silver facer for water resistance. Ultra thin - no build-up in corners.

40 BELOW FLEX: Our most advanced flashing tape. Cutting edge adhesive. Ultra thin - no build-up in corners. Nail and screw sealable with just **one** layer.



Use a scraper
to assist adhesion.

BRICKTIES

Heavy Duty Earthquake

Manufactured to comply with AS/NZS2699.1.2000.

Available in 90, 110 and 135mm lengths, galvanised, and stainless steel.

Medium Duty Brickties 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.

Available in pack of 10 or 50.



PEF BACKING ROD

Joint Filler

A cylindrical flexible closed cell polyethylene material.

Available in multiple diameters from 6mm to 20mm.



Product Description	Masons Code
UNI PRO 2.74m x 18.25m = 50m ²	UNIPRO2.74X50
UNI PLUS 2.74m x 18.25m = 50m ²	UNIPLUS2.74X50
UNI PLUS 1.5m x 33.33m = 50m ²	UNIPLUS1.5X50
UNI Fasteners Galv Nail and Washer 32mm QTY 2500 (for use with hammer)	UNIFASTGN
UNI Fasteners Stainless Steel Nail & Washer 32mm QTY 2500 (for use with hammer)	UNIFASTSS2500
UNI Fasteners. Bucket of collated screws for Stainless Steel frames. QTY 1500	UNIFASTSTLFRAME
UNI Cap Nailer Gun	UNICAPNAILER
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

Product Description	Masons Code
40 Below Platinum Flashing Tape 150mm x 20Lm, 75mm x 20Lm, 60mm x 20Lm	40PLBELOW150x20 40PLBELOW75x20 40PLBELOW60x20
40 Below Flex Flashing Tape 150mm x 20Lm, 75mm x 20Lm	40FLXBELOW150x20 40FLXBELOW75x20
Penetration Seal - 1-75mm Pack of 10	PSEAL75
Penetration Seal - 80-170mm Pack of 10	PSEAL170
BrickTies - various sizes - Galv and Stainless	visit: mpb.co.nz
PEF Rod - various sizes from 6mm to 20mm diameter	visit: mpb.co.nz
Corner Guards - 50 pack	HYDROCG50

Barricade FR

Fire Retardant Building Wrap





FIRE RETARDANT



RESISTS UV EXPOSURE
for up to 60 DAYS

CUSTOM BRANDING AVAILABLE

Barricade FR is a fire retardant building wrap suitable for all frame and cladding systems with or without a cavity. Barricade FR is Codemark Certified.

QUALITY BUILDING WRAP

A non-woven fire retardant, water resistant, breathable synthetic wall underlay for use under direct fixed and non-direct fixed wall cladding on timber framed and steel framed buildings.

ANTI FUNGAL PROPERTIES

Barricade FR has unique anti-fungal properties.

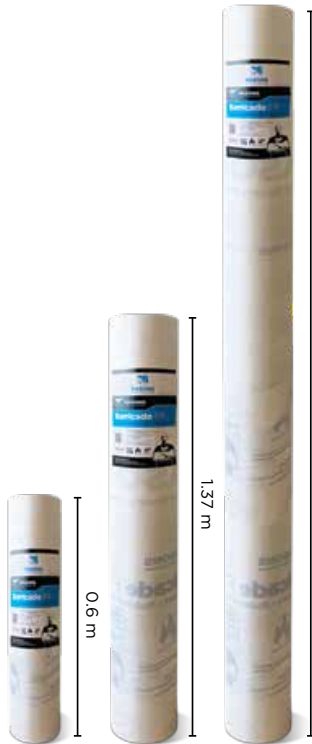
RESISTS UV EXPOSURE

Manufactured from high quality synthetic spun bonded material with high UV qualities to resist UV exposure for up to 60 days.



APPLICATIONS

- To be used where a fire retardant wrap is required. It performs well with all cladding systems and over timber or steel framing.
- Barricade FR is absorbent and can be used with absorbent and non-absorbent cladding.
- Strong and durable. Suitable for all areas of New Zealand including up to 'Very High' wind zones of NZS 3604 and "Extra High" over rigid wall underlays.
- Suitable as a non rigid backing for stucco plaster.
- Suitable as an air barrier on walls that are not lined.
- Can be used on gable ends.
- Vertical use only. Not suitable as a roof underlay.



NEW ZEALAND BUILDING CODE STANDARD (NZBC)

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

Tensile strength, edge tear resistance and resistance to water vapour transmission in accordance with ASNZS 4200.1	Pass
Resistance to water penetration in accordance with AS/NZS 4201.1.4	Pass
Surface water absorbency in accordance with AS/NZS 4201.6	Pass
Air resistance to BS 6538.3	Pass
Shrinkage in accordance with AS/NZS 4201.3	Pass
pH of extract in accordance with AS/NZS 1301.421	Pass
Fire retardant in accordance with AS1530 Part 2 Flammability	Pass

Available as: 2.74m, 1.37m and 0.6m widths and multiple linear lengths.

Description	Masons Code	Size of Roll
Barricade FR Building Wrap 2.74m x 50m ²	BFRMPB2.74x50	2.74m x 50m ²
Barricade FR Building Wrap 2.74m x 100m ²	BFRMPB2.74x100	2.74m x 100m ²
Barricade FR Building Wrap 1.37m x 100m ²	BFRMPB1.37x100	1.37m x 100m ²
Barricade FR Building Wrap 1.37m x 50m ²	BFRMPB1.37x50	1.37m x 50m ²
Barricade FR Building Wrap 1.37m x 25m ²	BFRMPB1.37x25	1.37m x 25m ²
Barricade FR Wrap Soffit Strip 0.6m x 21.9m ²	BFRMPB0.6x22	0.6m x 21.9m ²
Custom Branded Barricade FR		
BFR Building Wrap 2.74m x 100m ²	tbc on order	2.74m x 100m ²

CUSTOM BRANDED WRAP

Barricade FR is available custom branded with your logo. Printed in black or one specified PMS colour. A perfect way to give your company brand exposure.

Custom Branded BFR is available by the pallet

Number of rolls to a pallet: 64

Minimum order:

Conditions apply.

See your Masons representative.

Rows of client logos: 3 (2.74m roll)

Lead time: 16 weeks.

Conditions apply.

See your Masons representative.

All orders are shipped on arrival. No stock is held by Masons.

Logos to be supplied by the client. A guide to supplying logos for BFR is available from your Masons representative.



Barricade WD

Self-Adhesive Weather-Resistive Barrier



UP TO 150 DAYS

UV & WEATHER PROTECTION
Pre-Cladding

BREATHABLE
Passes Water Vapour Out

HIGHLY WATER RESISTANT

ADVANCED POLY-ACRYLIC ADHESIVE

STRONG
Suitable for all Wind Zones

AIR BARRIER
To Cold Air and Moisture

Barricade WD is a self-adhesive, weather-resistive barrier that may be used over a variety of vertical rigid substrates on both residential and commercial buildings.

Barricade WD is designed to shed water, yet freely pass water vapour. It will block the movement of air and cover all fixings and joints in the underlying substrate.

It is manufactured by thermally bonding outer spunbonded layers to an inner layer of microporous poly propylene film, coated with pressure-sensitive advanced poly-acrylic adhesive, offering superior adhesion to a variety of typical building materials.

Barricade WD may be applied over many common construction rigid substrates and there are no height restrictions.



Description	Roll size	Masons Code
Barricade WD Self-Adhesive Wrap	1.46m x 34.1m = 50m²	BWDSA

Barricade WD is a critical component of the Barricade Weather Defense System



MASONS BARRICADE WEATHER DEFENSE SYSTEM IS:

A three-part system, comprising:

1. Masons' 6mm and 9mm **fibre cement panels** nailed to the building frame,
2. **Barricade WD** self-adhesive building wrap is applied, providing full coverage of all fixings and panel joints. This forms a weather-resistive barrier that does not require Z flashings or tape at joints.
3. A single layer of **Masons 40 Below Flex** flashing tape is used around frame openings.

For more information on this system visit the the Barricade Weather Defense Systems page on our website: mpb.co.nz or scan the QR code



ADDITIONAL RESOURCES

- **Barricade WD Installation Guide**
- **Barricade WD Visual Installation Guide**
- **3D Instructional, Animated Drawings**

Available on the Barricade WD product page on our website: mpb.co.nz

VHP Roof Underlay

High performance, fire retardant*, self supporting and highly breathable

CodeMark
CMNZ70098



STRONG WOVEN SUBSTRATE

Available as light, medium, heavy and extra heavy weight



SELF SUPPORTING



VERY HIGH VAPOUR PERMEABILITY Assists in the control of moisture



FIRE RETARDANT*



UV RESISTANT
21 days exposure



TEAR RESISTANT
Tough

WHY CHOOSE MASONS VHP ROOF UNDERLAY?

Masons VHP Roof Underlays are premium, synthetic, strong, fire retardant*, self supporting, absorbant and highly breathable. They assist in the control of moisture and water vapour.

PREMIUM PERFORMANCE

Made from a very high vapour permeable water resistant membrane and layers of non-woven polyolefin fabric.

ASSISTS IN MOISTURE CONTROL

Deflects water and air during construction and as part of the finished roof (or wall*) designs moisture management system.

VALUE FOR MONEY

Masons VHP Roof Underlay offers value for money, especially VHP Value.

SELF-SUPPORTING AND STRONG

All Masons VHP Roof Underlays are 'self-supporting'.

FIRE RETARDANT*

Performing well in rigorous testing to pass NZ/AS1530 part 2 FI <5.
*VHP Value is not fire retardant.

HIGHLY BREATHABLE

Highly breathable premium roof underlays for their weight, having the ability to transfer water vapour at higher rates than traditional bitumen impregnated kraft paper (black paper). This is helpful in the control of condensation.

UV EXPOSURE

All our underlays give weather protection during construction and UV resistance for 21 days. Same day cover for roofing is best practice and highly recommended.



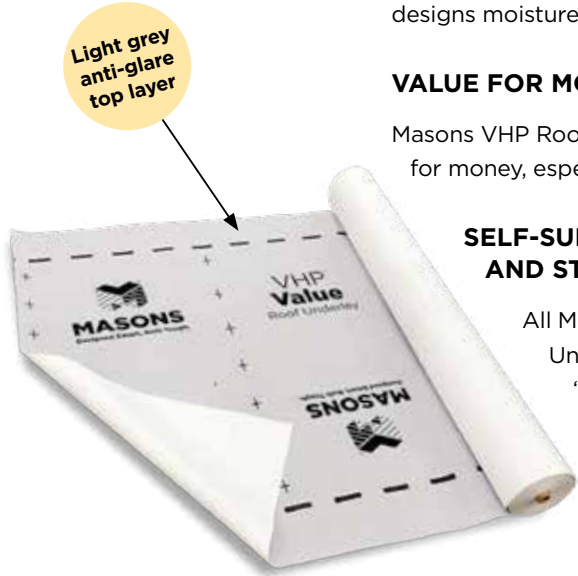
CHOOSE THE CORRECT VHP ROOF UNDERLAY FOR YOUR BUILD

	VHP® MAXI	VHP® ULTRA
Benefits	Very high performance, top of the range, fire retardant	High performance, tear resistant, fire retardant
Roll Size (1.25m wide)	1.25m X 40m = 50m ²	1.25m x 40m = 50m ²
Roll Size (1.45m wide)	1.45m X 34.48m = 50m ²	1.45m X 34.48m = 50m ²
GSM +/- 5%	220	180
Substrate Colour	Light grey/white	Light grey/white
Codemark Certification	All Masons VHP Roof Underlays are are codemarked. Visit the MBIE website: building.govt.nz for the latest information.	

	VHP® STRONG	VHP® VALUE
Benefits	High performance, tear resistant, fire retardant	Economy price. A huge upgrade from Bituminous Paper.
Roll Size (0.5m wide)	0.5 x 30 = 15m ²	-
Roll Size (1.25m wide)	1.25m X 40m = 50m ²	1.25m X 40m = 50m ² or 1.25m X 80m = 100m ²
Roll Size (1.45m wide)	1.45m X 51.7m = 75m ²	1.5m X 66.6m = 100m ²
Roll Size (2.74m wide)	2.74 x 29.19 = 80m ²	-
GSM +/- 5%	140	125
Substrate Colour	Light grey/white	Light grey/white
Codemark Certification	All Masons Roof Underlays have Codemark Certification. Visit the MBIE website: building.govt.nz for the latest information.	

Description	Roll Size	Masons Code
VHP Maxi Roof Underlay (extra heavy weight)	1.25 x 40 = 50m ²	RVHPMAXI1.25X50
VHP Maxi Roof Underlay (extra heavy weight)	1.45 x 34.48 = 50m ²	ROOFVHPMAXI
VHP Ultra Roof Underlay (heavy weight)	1.25 x 40 = 50m ²	RVHPULTRA1.25x50
VHP Ultra Roof Underlay (heavy weight)	1.45 x 34.48 = 50m ²	ROOFVHPULTRA
VHP Strong Roof Underlay (medium weight)	0.5 x 30 = 15m ²	RVHPSTRONG500
VHP Strong Roof Underlay (medium weight)	1.25 x 40 = 50m ²	RVHPSTRONG1.25X50
VHP Strong Roof Underlay (medium weight)	1.45 x 51.7 = 75m ²	ROOFVHPSTRONG
VHP Strong Roof Underlay (medium weight)	2.74 x 29.19 = 80m ²	RVHPSTRONG2.74x29
VHP Value Roof Underlay (light weight)	1.25 x 40 = 50m ²	RVHPVALUE1.25X50
VHP Value Roof Underlay (light weight)	1.25 x 80 = 100m ²	RVHPVALUE1.25X100
VHP Value Roof Underlay (light weight)	1.5 x 66.6 = 100m ²	ROOFVHPVALUE

*VHP Maxi, Ultra, and Strong are fire retardant. VHP Value is not fire retardant.



TESTING

Masons VHP Roof Underlays have been tested to the requirements set out in NZS2295:2006
Visit the MBIE website for a product certification register: [building.govt.nz](https://www.building.govt.nz)

Absorbency >150 g/m²	Pass	Pass	Pass	Pass
R.W.V.T <.5 MN s/g	Pass	Pass	Pass	Pass
R.W.Penetration > 100mm	Pass	Pass	Pass	Pass
Mechanical strength R4 S.S	Pass	Pass	Pass	Pass
Self Supporting	Yes	Yes	Yes	Pass
Flammability index of <5	Pass	Pass	Pass	N/A
UV exposure - Days	21	21	21	21
PH of Extract >5.5-8<	Pass	Pass	Pass	Pass

Durability and Performance standards*

Meets the Performance Requirements of NZBC Clauses B2, Durability (B2.3.1 (a) 50 years, B2.3.1 (b) 15 years and B2.3.2), C3 Fire affecting areas beyond the fire source.
C3.4 (c) E2 External Moisture, and F2 Hazardous Building Materials F2.3.1/C, providing;
- Is installed in accordance with instructions and is not damaged.
- Is suitable for the cladding system used.
- Is not left exposed for more than 21 days. Same day coverage is strongly recommended.
- Is installed by, or under supervision/guidance of a Licensed Building Practitioner (LPB).
- Tested to and meets or exceeds requirements of NZS2295.

Flammability Index

Masons VHP Strong, Ultra and Maxi Roof Underlays have a NZ/AS1530 Part 2 Flammability Index of <5.

VHP Value is not fire retardant.

CONDENSATION CONSIDERATIONS

In some region's condensation risks are higher, such as in areas of cold or high humidity.

Extra care needs to be taken in specifying the correct design and installation practices, as well as building ventilation systems to prevent excessive condensation and moisture in the roof spaces.

Always refer to the MRM Code of Practice for the latest best practise in design and installation details. See MRM Code of Practice v3.0 9.4 – Ventilation.

Factors that influence excessive condensation forming in roofing systems

- Humid and/or cold climatic regions
- Warm/skillion roof construction (require particular attention in design and construction)
- Low roof cavity air volume and restricted air movement
- Lack of a vapour control layer if applicable
- Low pitched roof or bulk insulation
- Penetrations in the ceiling or warm air entering the roof space
- Activities within the building which create high moisture loading
- High levels of construction moisture such as concrete slab curing

These factors are beyond the control of Masons NZ Ltd.



White-Faced Foil

Composite underlay



MOISTURE BARRIER
Blocks moisture with Class 1 vapour protection.



HEAT REFLECTIVE
Reflects radiant heat for better insulation.



CLEAN LOOK
Bright white finish for a tidy interior appearance.

Masons White-Faced Foil is a synthetic and aluminium foil composite underlay designed for use on the interior of commercial or industrial buildings where a vapour barrier with a white light-reflective surface is required. It is typically installed with a white reflective foil surface visible to the interior of the building.

Description	Size	Masons Code
Masons White-Faced Foil	1.35m x 56m=75.6²	FOIL1.35MX75

Ventilated Roof Battens



CONVENIENT PEEL-OFF ADHESIVE BACKING
Eliminates the need for nails or glue



EASY TO INSTALL



VENTS PROVIDE PASSIVE AIRFLOW



STRONG AND DURABLE

Used to form a cavity, allowing the free flow of air and moisture and assisting with effective ventilation of a roof cavity.

Description	Size	Masons Code
Ventilated Roof Battens - Plastic - 50 to a box	45x11x1800mm	BATNVENT45x11x1800
Ventilated Wall and Roof Battens - Plastic - 25 to a box	45x18x1800mm	BATNVENT45x18x1800

Insul-Baffle

Separates roof underlay from bulk insulation to create air flow



MAINTAINS AIR GAP

Ensuring compliance and optimal performance.



SUPPORTS VENTILATION

Incorporates 'Dragon Channels' to increase rigidity and aid air to cross flow.

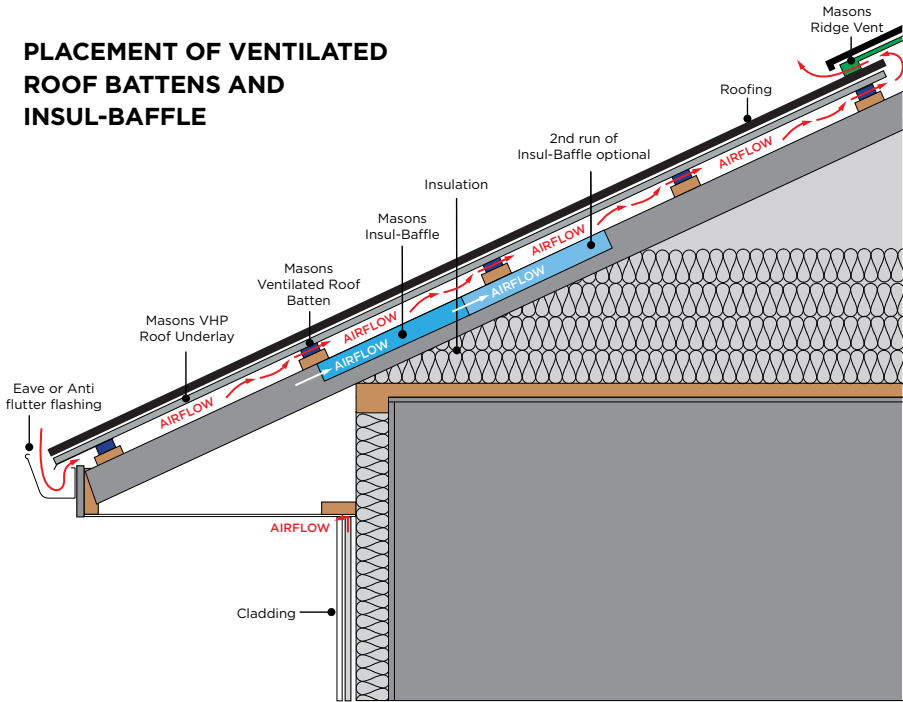


VERSATILE

Suits any roof type, material or pitch.

A crenelated semi-rigid synthetic spacer, designed to separate roof underlay from ceiling insulation and help maintain air flow. Installed over the rafters or truss top chords, typically near the eaves, where it is likely bulk thermal insulation may push up against the roof underlay.

PLACEMENT OF VENTILATED ROOF BATTENS AND INSUL-BAFFLE



Description	Size	Masons Code
Insul-Baffle separator - 2 pack box	45mm x 650mm x 6Lm	BFFL.5X650x6

WrapStrap

For House wrap

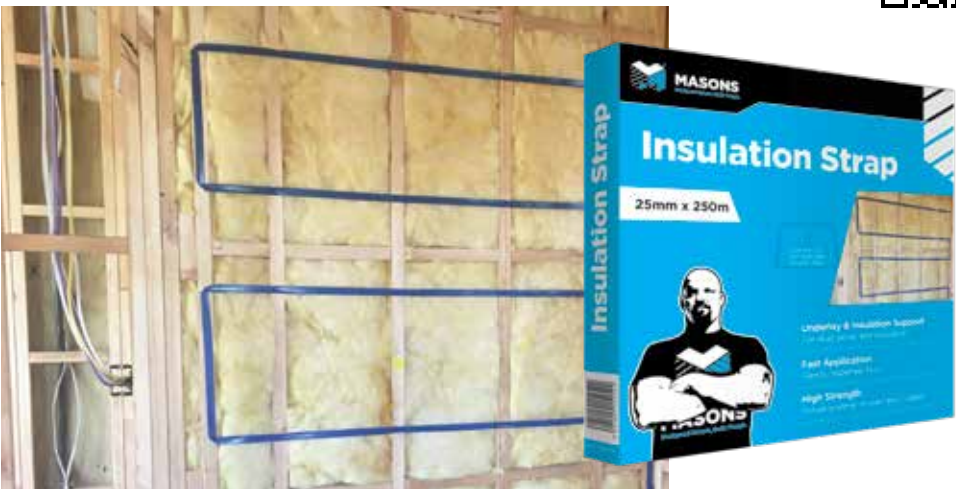


WrapStrap is a polyethylene embossed strap that is installed around the building wrap to keep the underlay and insulation in place and prevent it from bulging into the cavity for buildings with a drained cavity application.

WrapStrap can also be used as a support for roof underlay.

Description	Masons Code
Blue pp Strap 19mm x 300m	WRAPST19X300
Blue pp Strap 25mm x 250m	WRAPST25X250

Insulation Strap



Insulation Strap is a high strength polypropylene woven and coated strap. Used to secure insulation for wall applications.

Available in easy to handle 250m rolls for fast application.

Description	Masons Code
Insulation Strap 25mm x 250m	INSULSTRAP250
Insulation Strap 25mm x 50m	INSULSTRAP

40 Below™ Flashing Tapes

Sticks in a wide range of weather conditions without the use of a heat gun or primer spray. A tape for every budget and project.



CodeMark
CMNZ70075



40 BELOW™ ULTRA STICKY

This self-adhesive, white facer tape is great value for money and with a no nonsense performance record, earns the trust of the professionals.

Compatible with most wraps and sealants so eliminates issues on site.



EXCELLENT ADHESION
-10°C to 40°C

TRUSTED & COMPATIBLE
With most Wraps and Sealants

THIN
No Build-Up in Corners



40 BELOW™ PLATINUM

Has an advanced adhesive and aluminum foil water-resistant facer to bring you an ultra-thin, pliable flashing tape with excellent adhesion and no build-up in corners.

May also be used on UNI PLUS and UNI PRO for seam overlaps and head flashings.



PREMIUM ALUMINUM FACER
For Extra Water Resistance

POLY ACRYLIC ADHESIVE
Aggressive and Dependable

ULTRA THIN
No Build-Up in Corners



40 BELOW™ FLEX

Our most advanced, high performance tape with cutting edge adhesive and a superior flexible facer that is nail and screw sealable with just one layer. Ultra thin and pliable with high water resistance and maximum UV protection.

May also be used on UNI PLUS and UNI PRO for seam overlaps and head flashings.



SUPER PREMIUM WHITE FACER

ADVANCED ACRYLIC ADHESIVE
Aggressive and Dependable

ULTRA THIN AND FLEXIBLE
No Build-Up in Corners

CHOOSE THE CORRECT TAPE FOR YOUR PROJECT

	40 BELOW ULTRA STICKY	40 BELOW PLATINUM	40 BELOW FLEX
Roll Sizes	75mm x 20m 100mm x 20m 150mm x 20m 230mm x 20m	60mm x 20m 75mm x 20m 100mm x 20m 150mm x 20m 230mm x 20m	75mm x 20m 150mm x 20m 230mm x 20m
Facer Colour	White, woven PP	Aluminium foil	White, flexible
Sealant Compatible*	Yes	Yes	Yes
UV Resistance	180 days	180 days	270 days
Temperature Range - Application	-10°C to 40°C +	-10°C to 40°C +	-10°C to 40°C +
Layers on sill for Nail/Screw Sealability**	2	2	1
Codemark Certified***	Yes	Yes	Yes
Rigid Air Barrier****	Yes	Yes	Yes
Use on UNI Seams, Overlaps and Head Flashings	See Masons	Yes	Yes
Use on UNI Openings	Yes	Yes	Yes

- * All 40 Below flashing tapes are compatible with common construction sealants. Masons recommends a site patch test or reference to the sealant.
- ** Tested to AAMA -711.20. Tensile Strength ASTM D1970, Water Penetration around Fasteners AAMA 711, Peel Adhesion to Substrates ASTM D3330, Elevated Temperature ASTM D3330, Thermal Cycling ASTM D3330, Cold Temperature Pliability ASTM C765, Resistance to Peel AAMA 711, Low Temp Adhesion to Substrates ASTM D3330. Check Masons website or the MBIE Codemark certificate for valid certificates.
- *** 40 Below may not be approved for use with some Rigid Air Barrier Systems. Check with the manufacturer.
- **** Use 40 Below Platinum or 40 Below Flex.

NEW ZEALAND BUILDING CODE STANDARD (NZBC)

	40 BELOW ULTRA STICKY	40 BELOW PLATINUM	40 BELOW FLEX
For a risk score between 0-20 in accordance with NZBC Acceptable Solution E2/AS1.	Pass	Pass	Pass
B2 Durability, E2 External Moisture and F2 Hazardous Materials. Reliable adhesion -10°C to +40°C	Pass	Pass	Pass
NZS3604 Building Wind Zones up to and including 'Extra High' AS/NZS 4201.4:1994	Pass	Pass	Pass

Tested to ASTM D3330 for adhesion and AAMA-711.5.21 for nail and screw sealability.

Description 40 Below	Roll Size	Masons Code
40 Below flashing tape 75mm	H 75mm x L 20m	40BELOW75x20
40 Below flashing tape 100mm	H 100mm x L 20m	40BELOW100x20
40 Below flashing tape 150mm	H 150mm x L 20m	40BELOW150x20
40 Below flashing tape 230mm	H 230mm x L 20m	40BELOW230x20

Description 40 Below Platinum	Roll Size	Masons Code
40 Below Platinum flashing tape 60mm	H 60mm x L 20m	40PLBELOW60x20
40 Below Platinum flashing tape 75mm	H 75mm x L 20m	40PLBELOW75x20
40 Below Platinum flashing tape 100mm	H 100mm x L 20m	40PLBELOW100x20
40 Below Platinum flashing tape 150mm	H 150mm x L 20m	40PLBELOW150x20
40 Below Platinum flashing tape 230mm	H 230mm x L 20m	40PLBELOW230x20

Description 40 Below Flex	Roll Size	Masons Code
40 Below Flex flashing tape 75mm	H 75mm x L 20m	40FLXBELOW75x20
40 Below Flex flashing tape 150mm	H 150mm x L 20m	40FLXBELOW150x20
40 Below Flex flashing tape 230mm	H 230mm x L 20m	40FLXBELOW230x20

Hydro™

Bituminous Flashing Tape



Hydro Roll



Corner Guards

A bituminous flashing tape to seal around windows, doors and other joinery openings as a secondary defence against water penetration.

APPLICATIONS

- Suitable for timber and steel framed buildings
- Simple to install saving time and reducing costs
- Reliable and dependable weather tightness
- Works in temperatures from 5°C
- Masons Corner Guard is easy to install and increases protection to framing

NB: Masons Hydro Flashing Tape (and Corner Guards) must be installed in accordance with the instructions outlined on our website.

NEW ZEALAND BUILDING CODE STANDARD (NZBC)

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

Codemark.	Pass
Visit the MBIE website: building.govt.nz for the latest information.	
A risk score between 0-20 in accordance with NZBC Acceptable Solution E2/AS1	Pass
NZS3604 Building Wind Zones up to and including 'Extra High'	Pass

PHYSICAL PROPERTIES

Hydro Flashing Tape is compatible with most building wraps.

Warning: Don't apply any solvent based glues or adhesives/sealants to the tape as it will react with the bitumen.

Note: 150mm wide tape is used for 90mm wide window or door framing. 200mm wide tape is used for 140mm-150mm wide revels.

Description	Roll Size	Masons Code
Hydro flashing tape 75mm	H 75mm x L 25m	HYDRO75x25
Hydro flashing tape 150mm	H 150mm x L 25m	HYDRO150x25
Hydro flashing tape 150mm	H 150mm x L 10m	HYDRO150x10
Hydro flashing tape 200mm	H 200mm x L 25m	HYDRO200x25
Masons Corner Guards	pack of 10	HYDROCG10
Masons Corner Guards	pack of 50	HYDROCG50

Penetration Seals

Air Seal Flashings



Designed for cavity construction where pipes or wires penetrate building cladding and pass through the air seal membrane such as building wrap, or air barriers.

This Penetration Seal maintains the integrity of the air seal in the cladding cavity and assists the external rain screen of a cladding system to maintain weather tightness.

B2 Durability. Provides a service life equal to the façade cladding which is at least 15 years and up to 50 years for a brick veneer cladding.	Pass
E2 External Moisture. When used as part of a drained and ventilated cavity wall cladding system these seals will contribute to meeting the requirements of NZBC Clause E2.	Pass
F2 Hazardous Building Materials. Meets the requirements of NZBC Clause F2.	Pass
Can be exposed for up to 90 days	Pass

** Appraised by Les Boulton and Associates Report 191235: Visit mpb.co.nz to view the full appraisal.

PHYSICAL PROPERTIES

- The carrier is a thin (1mm or less thick) flexible woven, waterproof, synthetic flashing material coated with pressure sensitive adhesive.
- The flexible EPDM nozzle can be cut to fit a standard range of pipes or wiring.

APPLICATIONS

Compatible with vertical, flexible or rigid air barriers and synthetic flexible wall underlays.

New Zealand Building Code Standard (NZBC)

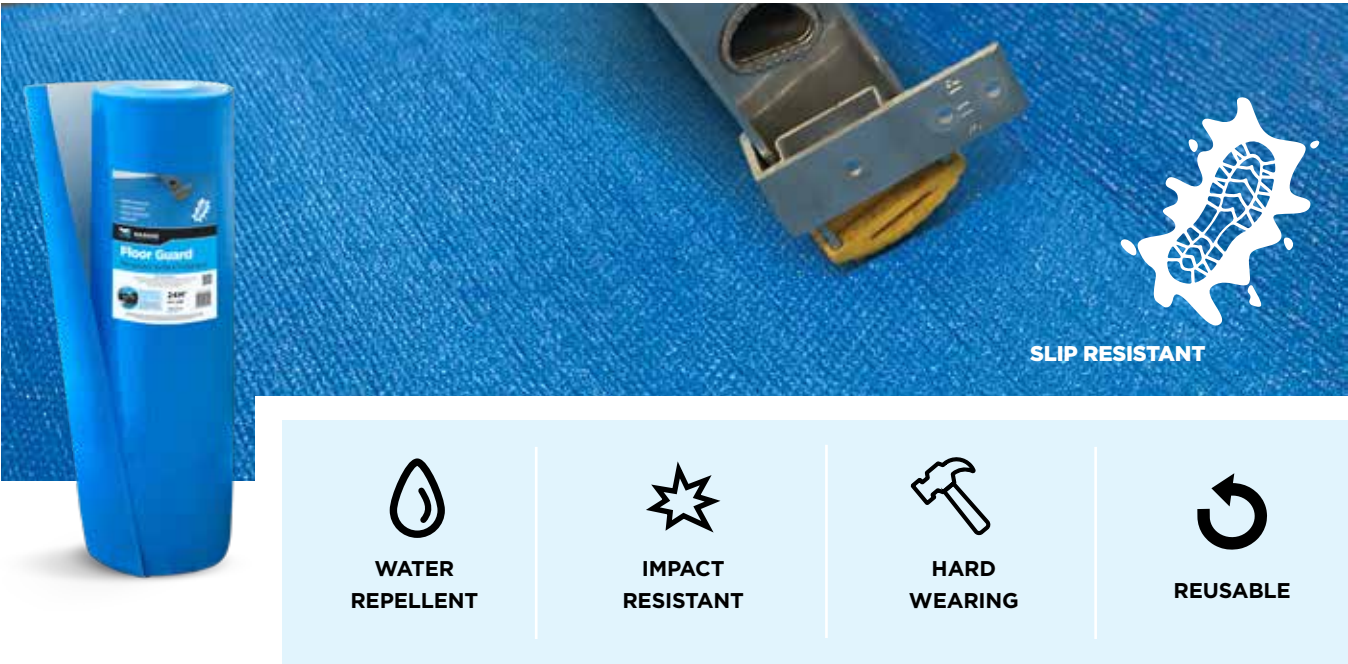
Masons Penetration Seals have been assessed and meet the requirements of the NZBC per the clauses listed below:**

- Trim to size for penetrations from 1-75mm and 80-170mm.
- Easy installation.
- Affordable – great value for money.

Description		Masons Code
Penetration Seal – 1-75mm	Pack of 10	PSEAL75
Penetration Seal – 80-170mm	Pack of 10	PSEAL170

Floor Guard

Temporary Floor Protection



Masons Floor Guard is a heavy duty floor protection sheet designed to protect surfaces from moisture, marks and damage.

The closed cell foam backing protects the surface from impact and is fused to a strong poly-fabric blue weave that give the product its hard wearing finish.

APPLICATIONS

- Natural stone, floor, wall and bench-tops
- Tiled areas
- Carpet and timber floors
- Can be used indoor and outdoor

Description	Roll Size	Masons Code
Masons Floor Guard	1m x 24m - 24m ²	MASFLOOR
Masons Seam Tape	50mm x 30m	FLOORGUARDTPE

PHYSICAL PROPERTIES

- Water repellent
- Easy to cut and install
- Reusable
- Good Impact resistance
- Has high abrasion resistance
- Extreme high decay and rot resistance
- Minimum distortion under traffic use
- Excellent chemical resistance



Seam Tape

Ideal for sealing the seams of the Floor Guard.

A cloth duct tape with a rubber resin adhesive. Overlap the Floor Guard and seal the seams with this tape.

Seam Tape has extreme adhesion qualities therefore we don't recommend using it on finished floor surfaces as the adhesive may leave residue.

Fibre Cement Soffit



4.5 mm thick sheets for use as a soffit lining for external eaves and verge projections.

Masons 4.5mm fibre cement soffit lining is a non-structural, lightweight, smooth, flat sheet. It is manufactured from Portland cement, crystalline silica, fly ash and cellulose pulp and is defined as non-combustible in accordance with BS 476-4. Once coated with a paint system it is resistant to moisture and rot.

Description	Qty	Masons Code
4.5 Fibre Cement 2400mm x 600mm	FULL PALLETS ONLY Pallet = 250 Sheets	FBCS4.5mmx06x2.4

Fibre Cement Sheets



Masons fibre cement sheets are for use with the Barricade Weather Defense System – a three-part system, comprising Masons' 6mm and 9mm fibre cement sheets, Barricade WD self-adhesive weather-resistive barrier wrap, and flashing tapes for openings.

Masons Code	Description	Size
BWD6MMx2.4x1.2	Fibre Cement Sheet	2.4m x 1.2m x 6mm
BWD6MMx3.0x1.2	Fibre Cement Sheet	3m x 1.2m x 6mm
BWD9mm2.4x1.2	Fibre Cement Sheet	2.4m x 1.2m x 9mm
BWD9mm3.0x1.2	Fibre Cement Sheet	3m x 1.2m x 9mm

Dry Fix™

Damp Proof Course



Dry Fix™ is a New Zealand made recycled pliable polyethylene Damp Proof Course (DPC) made from NZ plastic packaging waste. It is approved for use for separating materials such as timber, concrete, metals, and masonry to prevent the movement of moisture in accordance with NZBC Acceptable Solution E2/AS2 and NZS 4229.

APPLICATIONS

- DPC layers to the bottom plate of timber frames, a DPC layer running under the bottom plate and down the concrete pad under the brick veneer, jamb and head flashings for brick veneer, jamb flashings for UNI in very and extra high wind zones, and Masons Enviro AAC cladding jamb and sill flashings, packing, and separation of dissimilar materials.
- Instant shape forming
- An alternative for Bituminous DPC
- Does not react with solvent treated timber
- Inert to most sealants
- Permanent life span non-degradable
- Cost effective

NEW ZEALAND BUILDING CODE STANDARD (NZBC)

- Complies to the NZBC
- Manufactured to AS/NZS2904 - 1995

PHYSICAL PROPERTIES

- Embossed both sides to a minimum thickness of 750µm
- Impact resistant
- Non-Slip as product is double embossed



Description	Roll Length	Masons Code
Dry Fix 50mm	30m	DPC50
Dry Fix 75mm	30m	DPC75
Dry Fix 90mm	30m	DPC90
Dry Fix 100mm	30m	DPC100
Dry Fix 140mm	30m	DPC140
Dry Fix 150mm	30m	DPC150
Dry Fix 200mm	30m	DPC200
Dry Fix 250mm	30m	DPC250
Dry Fix 300mm	30m	DPC300

PEF Rod

P.E.F. Foam Backer



Masons PEF Rod is a cylindrical flexible closed cell polyethylene material, available in various diameters from 6mm to 20mm.

APPLICATIONS

- PEF Rod is used around windows, doors or other penetration openings. It ensures the sealant does not completely fill the cavity.
- Limits the amount and depth of the sealant applied into the joint.
- Acts as a bond break to allow joint movement without undue stress to sealant.
- Acts as a barrier to the flow of sealant through a joint.
- Will assist in providing an air seal around the window frame and penetrations through walls.
- For use with pre-cast concrete slabs and joints between brick and masonry.

PHYSICAL PROPERTIES

- Weather resistant
- No water absorption, closed cell
- Easy to install from dispenser box
- Non toxic, odourless
- Resistant to most chemicals
- Easily compressible, good expansion
- Lightweight
- Wide range of sizes available

Description	Diameter	Roll Length	Masons Code
PEF Backing Rod 6mmx50m	6mm	50m	AIRTIGHT6X50
PEF Backing Rod 8mmx20m	8mm	20m	AIRTIGHT8X20
PEF Backing Rod 8mmx50m	8mm	50m	AIRTIGHT8X50
PEF Backing Rod 10mmx20m	10mm	20m	AIRTIGHT10X20
PEF Backing Rod 10mmx50m	10mm	50m	AIRTIGHT10X50
PEF Backing Rod 13mmx20m	13mm	20m	AIRTIGHT13X20
PEF Backing Rod 13mmx50m	13mm	50m	AIRTIGHT13X50
PEF Backing Rod 15mmx50m	15mm	50m	AIRTIGHT15X50
PEF Backing Rod 20mmx20m	20mm	20m	AIRTIGHT20X20



Hydro™ Seal

Bituminous Masonry Sealer



TIP: Protect Hydro Seal with Masons Foam Guard

Hydro Seal membrane can be subject to punctures and abrasion due to coarse backfill. By simply applying the self adhesive Foam Guard you significantly reduce the risk of this happening.



Masons Hydro™ Seal is a black waterproof membrane formulated to act as a barrier behind retaining walls and buried structures.

APPLICATIONS

- Suitable for concrete, concrete block and brick work, wood and metal
- Hydro Seal is simple to apply with a brush or roller
- Is compatible with green concrete
- Has excellent adhesion to masonry and concrete etc
- Fast cure time
- Low water permeability
- Sulphates and ground salts resistant

NEW ZEALAND BUILDING CODE STANDARD (NZBC)

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

Vapour flow resistance level requirements for a water vapour barrier as per E2/AS1 BRANZ Rapport number DC2547	Pass
Moisture vapour permeability requirements of NZS 3604:2011	Pass

PHYSICAL PROPERTIES

Form	Thyrotropic liquid mixed
Solid Content	60%
Density	180 days
Application Temperature	5°C to 50°C
Drying Time	4-6 hours at 20°C, 12-24 hours should be left between coatings
Coverage	Additional to the primer coat - The minimum total application rate is 1 Litre per m² (2 coats of ½ litre per m² each). Depending on the substrate quantities this might vary slightly.
Limitations	Not to be exposed to sunlight. Not to be over-coated with paint.
Shelf Life	12 months when stored in original packaging. Store between 1°C-35°C

Description	Bucket Size	Masons Code
Hydro Bituminous Surface Treatment 4L	4 Litre	HYDROSEAL4L
Hydro Bituminous Surface Treatment 20L	20 Litre	HYDROSEAL20L

Easy-Form

Expansion Joint Filler



Cast-in-situ concrete. It is self-adhesive and has a Zip Top that can be torn off for when a sealant is to be used. Easy-Form has a light strip adhesive on the back.

APPLICATIONS

- Use anywhere an element needs to be permanently separated or provision made for expansion and contraction in concrete slabs: pavements, driveways, floor slabs etc.
- Where driveways or pavements meet: building claddings, retaining walls, pre-poured columns or plant boxes.
- Between swimming pools and concrete paving.
- Solution to weed control between joints.

NOTE: When the application does not require a sealant, Easy-Form should be installed upside down, with the zipped top down to avoid unwanted removal.

ZIP TOP

All Easy-Form is zipped approx. 10mm from the edge. The Zip Top provides installation options for when a sealant is to be used. The zipping ensures a clean tear every time.

PHYSICAL PROPERTIES

- Easy to use continuous roll. Light, flexible and easily cut on site with a sharp knife.
- Supplied with one-sided acrylic adhesive for faster installation.
- Physically cross-linked, polyolefin foam with an outer skin.
- Superior compression and recovery properties vital to ensure a good joint filler.
- Closed cell, non absorbent, compatible with most commonly used sealants and impervious to most liquids. Free of heavy metals, plasticisers and CFCs.



Description	Masons Code
Easy-Form 10mm x 50mm x 25m	FMEF10X50X25
Easy-Form 10mm x 75mm x 25m	FMEF10X75X25
Easy-Form 10mm x 100mm x 25m	FMEF10X100X25
Easy-Form 10mm x 125mm x 25m	FMEF10X125X25
Easy-Form 10mm x 150mm x 25m	FMEF10X150X25
Easy-Form 10mm x 200mm x 25m	FMEF10X200X25
Easy-Form 10mm x 250mm x 25m	FMEF10X250X25
Easy-Form 10mm x 300mm x 25m	FMEF10X300X25

BrickTies

Heavy Duty Earthquake



Complies to AS/NZS2699.1.2000.

APPLICATIONS

- Used to tie any masonry veneer to a structural frame
- Suitable for Dry and Wet Bed applications

PHYSICAL PROPERTIES

- Heavy Duty (EH) Earthquake or Medium Duty Economy Pack
- Tie sizes: 90mm, 110mm, 135mm
- Hot dipped galvanised and 316 stainless steel



Hot Dipped Galvanised & Stainless Steel Brickties in Square Buckets

The following is to be used as a guide only

Horizontal	Vertical
400mm	500mm
450mm	450mm
600mm	400mm

Approx. 5 brick ties per m².
100 ties per 1000 bricks

Product Code	Description	Building Zone	Qty
TIE90HD250	90mm Hot Dipped Galvanised	Normal	250
TIE90HD250SD	90mm Hot Dipped Galv. Self Drilling Screws for Steel Frames	Normal	250
TIE90SS250	90mm Stainless Steel	Sea Spray	250
TIE90SS250SD	90mm Stainless Steel. Self Drilling Screws for Steel Frames	Sea Spray	250
TIE110HD250	110mm Long Hot Dipped Galvanised	Normal	250
TIE110HD250SD	110mm Long Hot Dipped Galv. Self Drilling Screws for Steel Frames	Normal	250
TIE110SS250	110mm Long Stainless Steel	Sea Spray	250
TIE110SS250SD	110mm Long Stainless Steel. Self Drilling Screws for Steel Frames	Sea Spray	250
TIE135HD250	135mm Hot Dipped Galvanised	Normal	250
TIE135SS250	135mm Stainless Steel	Sea Spray	250

BrickTies

Medium Duty Economy Pack



Complies to AS/NZS2699.1.2000.

APPLICATIONS

- Used to tie any masonry veneer to a structural frame
- Suitable for Dry and Wet Bed applications

PHYSICAL PROPERTIES

- Medium Duty Economy Pack
- Tie size: 90mm
- Hot dipped galvanised

See Heavy Duty BrickTies for guide

Seismic Veneer Tie	Minimum	Minimum	Minimum
Classification	Characteristic axial stiffness kN/mm axial stiffness kN/mm	Characteristic axial strength the end of 4th (10mm tension cycle) kN	Characteristic residual strength (at end of 15mm cycle) kN
Heavy Duty (EH)	0.200	1.500	1.100
Medium Duty (EM)	0.175	0.750	0.550

Table 18A Specification of maximum tie spacings for type B (4) Veneer Ties (Paragraph 9.2.7)							
Seismic Zone	Masonry Veneer Less than 180 kg/m ²			Masonry Veneer Less than 180 - 200 kg/m ²			Masonry Veneer More than 220 kg/m ²
Refer NZS 3604	Tie Type (4) (5)	Maximum Spacings (1)		Tie Type (4) (5)	Maximum Spacings (1)		
		Horizontal	Vertical	EM	600	400	
1	EL	600	400	EH (3)	600	400	SED (2)
2 (6)	EM	600	400	EH (3)	600	400	SED (2)
3	EH (3)	600	400				
4	SED (2)	SED (2)	SED (2)				

- (1) Maximum masonry tie spacings of 600mm horizontally and 400mm vertically
- (2) Spacing of ties to be determined by specifically engineered design
- (3) EM may be used if the horizontal spacings do not exceed 400mm and the vertical spacings do not exceed 300mm
- (4) Type B and Prefix E indicate masonry ties manufactured to AS/NZS 2699.1
- (5) L (Light) and M (Medium), H (High) indicate strength quality of the ties in AS/NZS 2699.1
- (6) Use seismic zone 2 (minimum) for Christchurch region comprising Christchurch City, Waimakariri District and Selwyn District

Product Code	Description	Building Zone	Qty
TIE90MD250	90mm Hot Dipped Galvanised Medium Duty Brickties in a Box	Normal	250

COMMENT

Variations in cavity width will require compensating adjustments to the length of masonry tie used.

9.2.7 WALL TIES

Masonry veneer shall be attached to wall framing by wall ties. Wall ties and their spacings and embedment shall be in accordance with the requirements of NZS 4210 and Tables 18A, 18B and 18C. Screw fixings shall be minimum 12 guage, 35mm long hex washer face, galvanised or stainless steel to suit the ties required under Table 18C.

Admixtures and Sealers



MASONRY PLUS

Masons Masonry Plus is a highly concentrated plasticising liquid. This very active non-staining liquid mixes readily with water to improve the workability and adhesion of cement mortar and plaster.

PHYSICAL PROPERTIES

- Faster application, increases productivity
- Cleaner work, less droppings
- Easier ruling off
- Greater plasticity, reduces cracking
- Increases bond strength
- Helps prevent efflorescence, eliminates need for lime
- Reduces water absorption
- Resists freeze-thaw damage



Description	Size (Lt)	Masons Code
Masonry Plus 5 Lt	5	MP005
Masonry Plus 20 Lt	20	MP020



PLASTASEAL

Masons PlastaSeal has been specifically formulas as a surface preparation for use with cement based plaster. Masons PlastaSeal acts as an extra bond between plaster and Surface

Masons PlastaSeal's unique structure imparts the above benefits to clay bricks, fibre-cement sheets, concrete tilt panel and gib board. It may be used on both exterior and interior work.

APPLICATION

May be applied by brush or roller although spray application by back pack or LVHP airless is recommended. Apply at 12-15m² per litre. Care should be taken to ensure overspray does not settle onto glass or aluminium sidings and doors.

Allow at least 30 minutes drying before applying plaster or mortar and at least 60 minutes before painting.



Description	Size	Code
PlastaSeal 5 Lt	5 Lt	PS005
PlastaSeal 20 Lt	20 Lt	PS020



AIR FLEX

Masons Air-Flex is a plasticiser manufactured especially for use by brick and block layers.

Formulated to provide the tradesman with a safe, low dosage, and extremely economical mortar plasticiser. When using Air Flex as a mortar additive, no additional admixtures are required.

PHYSICAL PROPERTIES

- Performs well regardless of ceement or sand type
- Excellent workability and good bond strength
- Longer board life
- Non-toxic and low dosage
- Packaged in a sturdy plastic container

YIELD

Air-Flex is used at the rate of 30g per 40kg bag of cement. Usage is dependant on the sand or cement type and condition. Do not overdose. If in doubt contact the manufacturer.



Description	Size (kg)	Masons Code
Airflex 700g	700g	AIRFLEX700
Airflex 1.7kg	1.7	AIRFLEX1.7
Airflex 4kg	4	AIRFLEX4
Airflex 10kg	10	AIRFLEX10
Airflex 15kg	15	AIRFLEX15



CEM-GON

Masons Cem-Gon will remove concrete slurry, grout and plaster splashes from substantial intact construction materials including aluminium powder coated joinery, asphalt, stainless steel and copper.

Cem-Gon is a non hazardous, non toxic formula prepared from natural and organic chemistry ingredients.

APPLICATIONS

To remove cement based product splashes liberally apply undiluted Cem-Gon from a spray bottle.

STORAGE AND HANDLING

It is recommended that Cem-Gon be placed in secure storage, labeled and out of reach of children. All containers must have securely fastened lids or caps. Care must be taken to avoid spills. During handling of Cem-Gon protect hands and eyes from contact. Use plastic sheeting on floors. Protect clothing material.

Description	Size	Masons Code
CEM-GON 500ml Spray bottle	500ml	CEMGON500SPRAY



Brick and Blocklock

Masonry Reinforcing



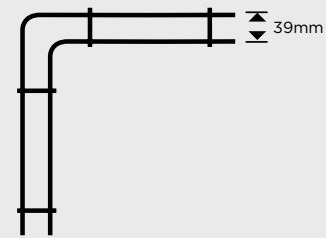
BRICK AND BLOCKLOCK

Straight Assists in crack prevention on bricks or blocks that are laid in stacked bond. Or when there is only a small row of bricks less than 800mm. Masons recommended to install Bricklock every **6th** course.



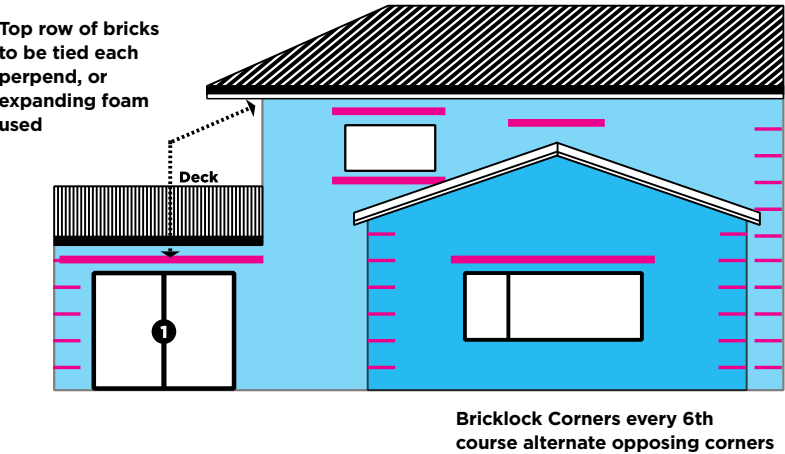
BRICKLOCK

Corner Assists in crack prevention on external corners. Masons recommended to install a Bricklock corner every **6th** course.



Masons Bricklock and Blocklock products have been developed to strengthen brick and block veneer walls.

An excellent product for areas that are prone to cracking or movement. Made from 4mm thick galvanised or stainless steel rods.



APPLICATIONS

When specifying or installing Bricklock, a common sense approach to where the product is installed must be used. Typically every 6th course.

Most common areas to use the reinforcing are: above all windows and to all external corners.

Other vulnerable areas are: where there is a gap smaller than 800mm, for example, a window near a deck, where a window meets a roof top or roof top gable meets a soffit. Close up Bricklock spacing to every 6th course in these areas.

Disclaimer - 'Bricklock' is designed to add strength to the brick veneer and is over and above normal Building Code for brick veneer construction. At no stage do Masons guarantee that it will completely stop any possible cracking in the veneer.

Description	Qty	Masons Code
Bricklock 49mm Corner 26.5cm - Stainless Steel	10	BRICKLOCK CNR SS
Bricklock 49mm Corner 26.5cm - Galvanised	10	BRICKLOCK CNRGAL
Bricklock Straight 4.0mm 2m - Stainless Steel	10	BRICKLOCK STR SS
Bricklock Straight 4mmx50x700mm - Gal	10	BRICKLOCK STRGAL
Bricklock Drop 4mmx50x700mm - Galvanised	10	BRICKLOCK DRPGAL
Blocklock Straight 4mm 140mm x 2m - SS	10	BLOCKLOKSSSTR2M
Blocklock Straight 4mm 140mm x 2m - Galv	10	BLOCKLOKGALSTR2M

Access Panels



Provide easy access through non-fire rated dry lined walls and ceilings to conceal plumbing and electrical. For residential and commercial buildings.

- Easy access to:**
- Plumbing:** Connections, valves, stopcocks, spa pumps
 - Electrical:** Fuse boxes, control switches, security systems, internet connections, heating and ventilation systems.
 - Ceiling or Bulkhead Access:** for the 600mm model
 - Roof Access:** for Insulation, framing, inspection of underlay and roofing. Vermin control.



WHITE PLASTIC 200MM X 200MM

LIGHTLY TEXTURED MATT PLASTIC Easy to clean and will not discolour	REMOVABLE DOOR Snap closed and hinged	SUPER EASY INSTALLATION Fixed with adhesive or screws
Description	Size	Masons Code
Access Panel White Plastic 200mmx200mm	Hand Access	VENTMCOVERPL200



WHITE POWDER COATED STEEL

QUALITY FINISH
White Powder
Coated Steel

HANDLE-LESS
Push catch
closing system

**EASY
INSTALLATION**
Screws provided

Description	Size	Masons Code
Access Panel 200x200mm White Powder coat	Hand Access	VENTMCOVER200
Access Panel 400x400mm White Powder coat	Hand and Head Access	VENTMCOVER400
Access Panel 600x600mm White Powder coat	Hand, Head and Shoulder Access	VENTMCOVER600



PAINTABLE ACCESS PANEL MDF COATED STEEL

**PRE PRIMED
AND PAINT READY**
With noise reducing liner

BEADED FRAME
With noise
reducing liner

HANDLE-LESS
Push-catch
closing system

Description	Size	Masons Code
Access Panel 600x600mm Matt, Paintable	Hand, Head and Shoulder Access	VENTMCOVERMATT



STAINLESS STEEL ACCESS PANEL

**FOR INDOOR OR
OUTDOOR USE**
Weather resistant

LOCKABLE
With square key

EASY INSTALLATION
Fixed with adhesive
or screws

Description	Size	Masons Code
Access Panel 200x200mm Stainless Steel	Hand Access	VENTSSCOVER200
Access Panel 400x400mm Stainless Steel	Hand and Head Access	VENTSSCOVER400
Access Panel 600x600mm Stainless Steel	Hand, Head and Shoulder Access	VENTSSCOVER600



WHITE STEEL LOCKABLE ACCESS PANEL

LOCKABLE
- 2 keys provided.

EASY INSTALLATION.

QUALITY STEEL

Description	Size	Masons Code
Access Panel 600x600 mm White Powder Coated lockable	Hand, Head and Shoulder Access	VENTMCOVER600LOCK

Vents, Grilles, Diffusers and Ducts



DOMO COWL VENT

QUALITY DESIGN FINISH
304 Stainless Steel

EASY INSTALLATION
Mounts Directly to Ductwork

EXTRA WEATHER PROTECTION
Due to Rounded Hood Design

WITH INSECT MESH SCREEN
Made from Durable Stainless Steel

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Dome Cowl Vent 100mm SS	100	R 150	VENTDMSS100MM
Dome Cowl Vent 125mm SS	125	R 187	VENTDMSS125MM
Dome Cowl Vent 150mm SS	150	R 208	VENTDMSS150MM



LOUVRE GRILLE ROUND VENT

QUALITY DESIGN FINISH
304 Stainless Steel

WITH INSECT MESH SCREEN
Made from Durable Stainless Steel

EASY INSTALLATION
Mounts Directly to Ductwork

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Louvre Grille Round 100mm SS	100	R 143	VENTEXSS100MM
Louvre Grille Round 125mm SS	125	R 177	VENTEXSS125MM
Louvre Grille Round 150mm SS	150	R 208	VENTEXSS150MM



AIR DIFFUSER VALVE - STEEL

QUALITY 304 STAINLESS STEEL
With Rubber Seal

EASY INSTALLATION
Via Clip System

ADJUSTABLE AIRFLOW
By Turning the Cone Centre

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Air Diffuser Valve Round SS 100mm	100	R 140	VENTAVSS100MM
Air Diffuser Valve Round SS 125mm	125	R 175	VENTAVSS125MM
Air Diffuser Valve Round SS 150mm	150	R 220	VENTAVSS150MM
Air Diffuser Valve Round SS 200mm	200	R 295	VENTAVSS200MM



AIR DIFFUSER VALVE - PLASTIC

360 DEGREE AIR DELIVERY
For All Temperatures

EASY INSTALLATION
Removing and Maintaining

ADJUSTABLE AIRFLOW
By Turning the Cone Centre

SCRATCH RESISTANT SURFACE
Made from ABS Plastic

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Air Diffuser Valve Round 100mm White plst	100	R 175	VENTDIFF100MM
Air Diffuser Valve Round 150mm White plst	150	R 260	VENTDIFF150MM
Air Diffuser Valve Round 200mm White plst	200	R 320	VENTDIFF200MM
Air Diffuser Valve Round 250mm White plst	250	R 395	VENTDIFF250MM



EGGCRATE GRILLE - PLASTIC

MOUNTS DIRECTLY TO DUCTWORK
Because of the Tapered Neck

EASY INSTALLATION
Supplied with 4 Screws

SCRATCH RESISTANT SURFACE
Made from ABS Plastic

WITH INSECT MESH SCREEN
Made from Durable Stainless Steel

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Eggcrate Grille 100mm White Plst	100	125 x 125	VENTEGG100
Eggcrate Grille 125mm White Plst	125	150 x 150	VENTEGG125
Eggcrate Grille 150mm White Plst	150	175 x 175	VENTEGG150
Eggcrate Grille 200mm White Plst	200	230 x 230	VENTEGG200



GRAVITY GRILLE - STEEL

QUALITY 304 STAINLESS STEEL
With Rubber Seal

EASY INSTALLATION
Mounts Directly to Ductwork

EXTRA WEATHER PROTECTION
Due to Back Draught Louvres

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Gravity Grille 100mm SS	100	160 x 160	VENTGLSS100MM
Gravity Grille 125mm SS	125	185 x 185	VENTGLSS125MM
Gravity Grille 150mm SS	150	185 x 185	VENTGLSS150MM



FIXED LOUVRE GRILLE - PLASTIC

MOUNTS DIRECTLY TO DUCTWORK
Because of the Tapered Neck

EASY INSTALLATION
Supplied with 4 Screws

SCRATCH RESISTANT SURFACE
Made from ABS Plastic

WITH INSECT MESH SCREEN
Made from Durable Stainless Steel

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Fixed Louvre Grille 100mm White Plst	100	125 x 125	VENTFIXLG100
Fixed Louvre Grille 125mm White Plst	125	150 x 150	VENTFIXLG125
Fixed Louvre Grille 150mm White Plst	150	175 x 175	VENTFIXLG150
Fixed Louvre Grille 200mm White Plst	200	225 x 225	VENTFIXLG200



GRAVITY GRILLE - PLASTIC

EXTRA WEATHER PROTECTION
Due to Back Draught Shutter

EASY INSTALLATION
Mounts Directly to Ductwork

SCRATCH RESISTANT SURFACE
Made from ABS Plastic

WITH INSECT MESH SCREEN
Made from Durable Stainless Steel

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Gravity Grille 100mm White Plst	100	125 x 125	VENTGRAVG100
Gravity Grille 125mm White Plst	125	150 x 150	VENTGRAVG125
Gravity Grille 150mm White Plst	150	175 x 175	VENTGRAVG150
Gravity Grille 200mm White Plst	200	225 x 225	VENTGRAVG200



COWL WALL VENT - STEEL

QUALITY DESIGN FINISH
304 Stainless Steel with Rubber Seal

EASY INSTALLATION
Mounts Directly to Ductwork

EXTRA WEATHER PROTECTION
Due to Back Draught Shutter

WITH MESH SCREEN
Made from Durable Stainless Steel

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Cowl Wall Vent 100mm SS	100	160 x 160	VENTCWLSS100MM
Cowl Wall Vent 125mm SS	125	185 x 185	VENTCWLSS125MM
Cowl Wall Vent 150mm SS	150	185 x 185	VENTCWLSS150MM



COWL WALL VENT - PLASTIC

EXTRA WEATHER PROTECTION
Due to Back Draught Shutter

EASY INSTALLATION
Mounts Directly to Ductwork

SCRATCH RESISTANT SURFACE
Made from ABS Plastic

WITH BIRD BARS

Description	Neck Size (mm)	Face Size (mm)	Masons Code
Cowl Wall Vent 100mm White Plst	100	190 x 190	VENTCOWL100
Cowl Wall Vent 125mm White Plst	125	185 x 185	VENTCOWL125
Cowl Wall Vent 150mm White Plst	150	185 x 185	VENTCOWL150



FLEXIBLE ALUMINIUM DUCT

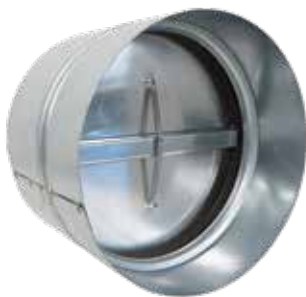
This self-supporting duct can be bent to send airflow in your desired direction without creating sharp bends that restricts airflow.

CONSTITUTION
2x Aluminium Layers

OPERATION PRESSURE
3000 Pa

TEMPERATURE RANGE
-30 °C to 150 °C

Description	Vent Size (mm)	Masons Code
Flexible Aluminium Duct 100mm 1m boxed	100	VENTIFXAL100MMX1M
Flexible Aluminium Duct 100mm 3m boxed	100	VENTIFXAL100MMX3M
Flexible Aluminium Duct 100mm 6m boxed	100	VENTIFXAL100MMX6M
Flexible Aluminium Duct 125mm 1m boxed	125	VENTIFXAL125MMX1M
Flexible Aluminium Duct 125mm 3m boxed	125	VENTIFXAL125MMX3M
Flexible Aluminium Duct 125mm 6m boxed	125	VENTIFXAL125MMX6M
Flexible Aluminium Duct 150mm 1m boxed	150	VENTIFXAL150MMX1M
Flexible Aluminium Duct 150mm 3m boxed	150	VENTIFXAL150MMX3M
Flexible Aluminium Duct 150mm 6m boxed	150	VENTIFXAL150MMX6M
Flexible Aluminium Duct 200mm 3m boxed	200	VENTIFXAL200MMX3M



BACK DRAUGHT SHUTTER

REGULATES AIR FLOW
In Air Ducts

DIRECTIONAL AIR FLOW
One-way Design

SPRING-LOADED
For Positive Closure

Description	Neck Size (mm)	Masons Code
Vent Back Draught Damper 100	100	VENTBDD100
Vent Back Draught Damper 125	125m	VENTBDD125
Vent Back Draught Damper 150	100m	VENTBDD150



DUCT REDUCER

Reducers allow you to change from one duct size to another whilst maintaining airflow. Made from plastic and coloured black.

Available one size only: 150mm diameter one end and 100mm the other

Description	Size (mm)	Masons Code
Duct Reducer	150 x 100	VENTRED150/100PL



KLA WEEPHOLE VENT

A plastic vent designed for use in masonry veneer construction, to provide a clear air passage for removal of moisture, and circulation of air to vent the cavity.

APPLICATIONS

- This vent can be used in conjunction with any masonry cladding system that requires a ventilated cavity, including, bricks, blocks, and stone.
- A weep hole of 80mm x 10mm is required to be placed every 800mm (every third joint) along the base and second to top course of wall.

PHYSICAL PROPERTIES

- Facilitates the removal of water from the cavity.
- The cavity tray ensures the weep hole cannot be blocked and directs air flow up the cavity, removing moist air.
- The Brick Vent provides a standard 10mm gap between masonry.
- Available in grey and cream to match most mortar colours.
- Designed to vermin-proof the weep hole and restrict driving rain.

Description	Colour	Weep-hole Size	Qty	Masons Code
KLA Stone Vent	Stone	10mm x 80mm	150	KLA Stone
KLA Grey Cavity Vent	Grey	10mm x 80mm	150	KLA Grey



ALUMINIUM WEEPHOLE VENT - FOR PLASTER

This Aluminium vent is used for covering weepholes on plaster clad buildings.

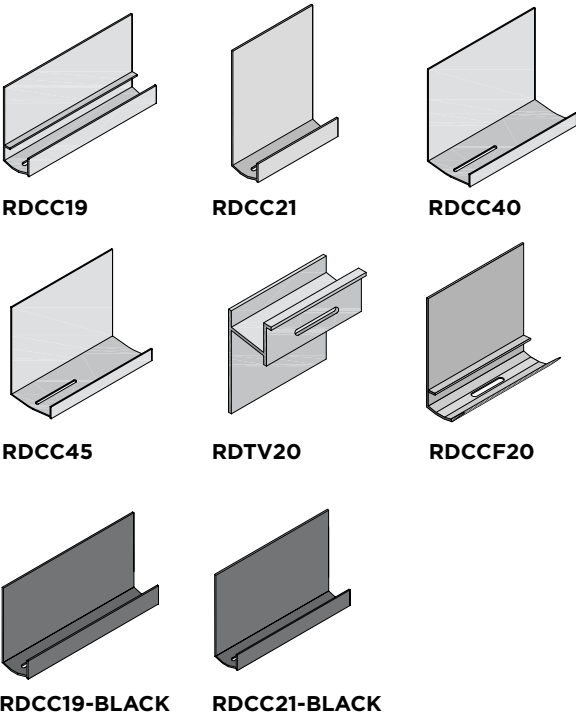
The Vent is installed over the buildings weep holes to prevent vermin entering the cavity and to give the plaster exterior a tidy finish. The vent can be painted to blend in with the exterior.

Description	Qty	Masons Code
Vent 100x50mm (metat louvre)	25	VENT

E2 Flashings



VENTED CAVITY CLOSERS - UPVC

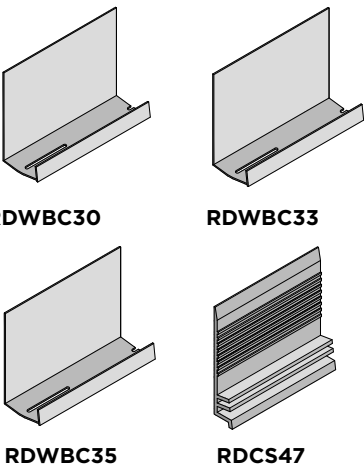


Allows the cavity to breath, will not rust in a salt environment, can be cut to a mitre corner creating a vermin strip around most claddings

Masons Code	Description
RDCC19	19mm Vented Cavity Closer 2.7m
RDCC19 - BLACK	19mm Vented Cavity Closer 2.7m Black
RDCC21	21mm Vented Cavity Closer 2.7m
RDCC21 - BLACK	21mm Vented Cavity Closer 2.7m Black
RDCC40	40mm Vented Cavity Closer 2.7m
RDCC45	45mm Vented Cavity Closer 2.7m
RDTV20	20mm Top Vent 2.7m
RDCCF20	20mm Flexible Cavity Closer 2.7m



WEATHER BOARD CLOSERS AND STARTERS - UPVC

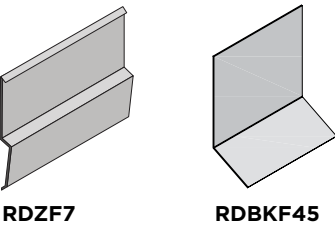


Masons Code	Description
RDWBC30	30mm Vented W/B Closer 2.7m
RDWBC33	33mm Vented W/B Closer 2.7m
RDWBC35	35mm Vented W/B Closer 2.7m
RDCS47	W/B Cant Strip (starter) 2.7m

A weather board starter and closer cavity in one
Supports first weather board



Z FLASHINGS AND BRICK KICK



Soakers for joins between claddings cavity to no-cavity, cavity in one

Masons Code	Description
RDZF7	7mm EcoPly Horizontal Jointer - Steel Frame
RDBKF45	Brick Kick Out Flashing 2.7m*



Fibre Cement Sheet Jointers

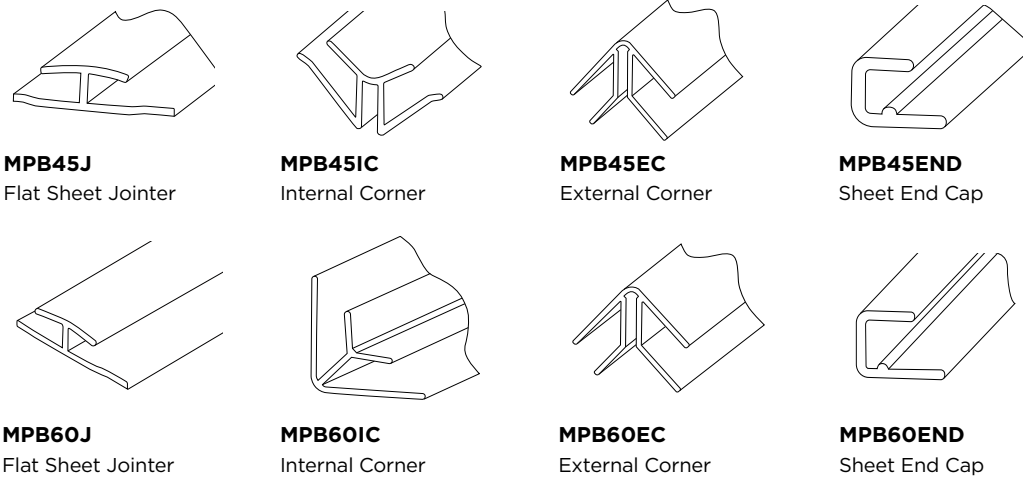


Use with Masons, or other Fibre Cement Sheets.

DURABLE
Made from quality uPVC

EASY INSTALLATION
Simple insertion and locking mechanism

MULTIPLE PROFILES & SIZES
A shape and length to suit your project



Masons Code	Description	Length (mm)	Available in packs of
MPB45J600	4.5mm Flat Sheet Jointer White 600mm	600	50
MPB45J2400	4.5mm Flat Sheet Jointer White 2400mm	2400	10
MPB45J2700	4.5mm Flat Sheet Jointer White 2700mm	2700	10
MPB45IC	4.5mm Internal Corner White 2400mm	2400	10
MPB45EC	4.5mm External Corner White 2400mm	2400	10
MPB45END	4.5mm End Cap White 2400mm	2400	10
MPB60J600	6mm Flat Sheet Jointer White 600mm	600	50
MPB60J2400	6mm Flat Sheet Jointer White 2400mm	2400	10
MPB60J2700	6mm Flat Sheet Jointer White 2700mm	2700	10
MPB60IC	6mm Internal Corner White 2400mm	2400	10
MPB60EC	6mm External Corner White 2400mm	2400	10
MPB60END	6mm End Cap White 2400mm	2400	10

Your 24/7 resource for:

- Installation Guides
- Specification Documentation
- Compliance Documentation
- Data Sheets
- Brochures
- CAD Drawings



MASONS
Designed Smart, Built Tough.

Product service is at the heart of what we do.

Since its establishment in 1999, Masons have a long and proud history of 'knuckling down and getting stuff done'. Masons NZ Ltd is a company founded on that very approach - raising the quality of building products through innovation and clever thinking.



We understand
the Building Sector



**WE BACK
OUR PRODUCTS**
Support is only a
phonecall away



COMPLIANCE
Testing Literature
Reviewed by
Professionals



**MASONS
REPS**
A team of experts
nationwide





MASONS
Designed Smart, Built Tough.



Visit: **mpb.co.nz**

Phone: **0800 522 533**

Email: **info@mpb.co.nz**