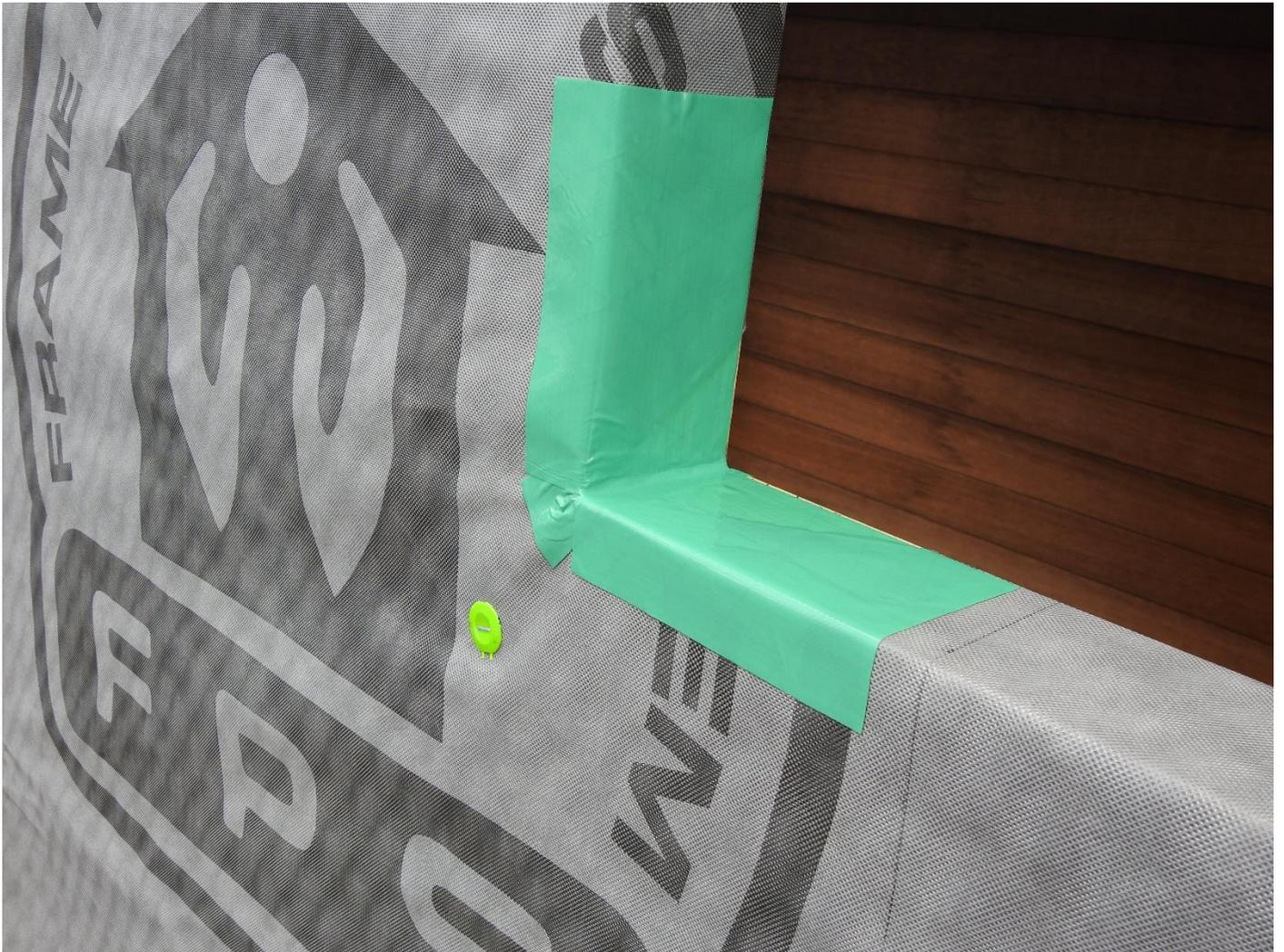


FPS® WEATHERTIGHT® SYSTEM

Supplied by Frame Protection System Ltd.

TAPE INSTALLATION MANUAL©



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FPS® WEATHERTIGHT® SYSTEM APPROVED TAPES & ACCESSORIES

- Euroband DS (Black) – Double sided foundation and edge tape
- Euroband DS (Brown) – Double sided seam tape
- Euroband S 60 – Green tape used for vertical joints and repairs
- Euroband S 120 & 180 – Green tape used for window and door corner taping
- Range of FPS® Penetration and Large Diameter Seals
- FPS® Squeegee – Tape adhesion pressure tool.

The following use and methods of taping and sealing are exclusive to FPS® Weathertight® Building Underlays®.

Use of non-FPS® tapes, seals and fixings voids Warranties.

Euroband DS Black Tape – FPS® Method©

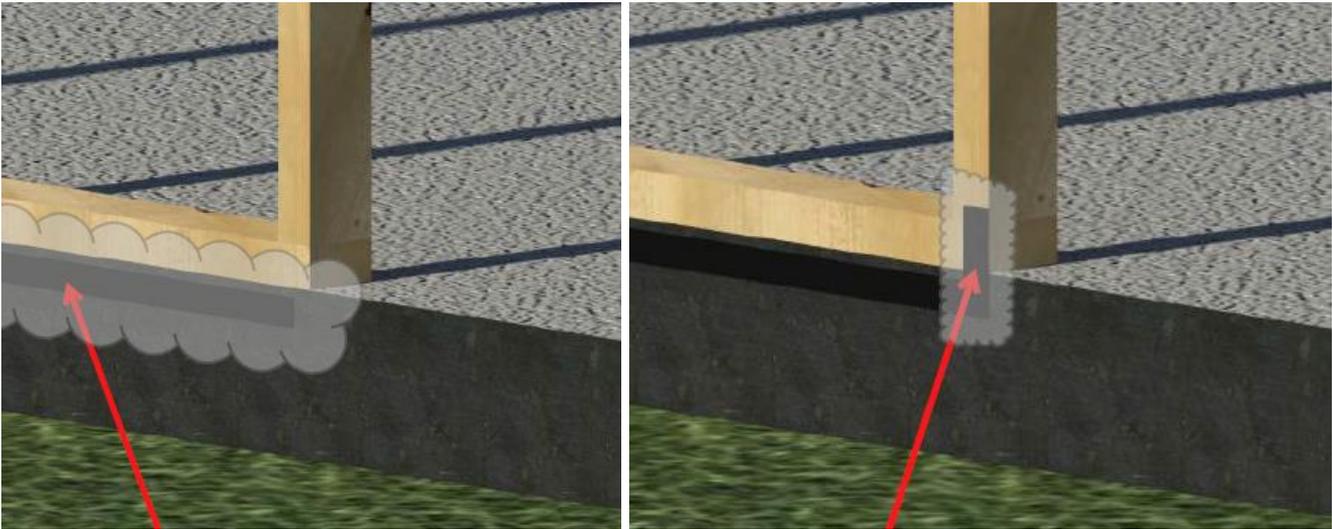
Before the membrane is fitted, apply FPS Butyl DS Tape below the bottom plate so the membrane can be fixed a minimum of 35mm below the bottom plate. Press tape firmly onto foundation and DO NOT REMOVE tape backing paper until after the membrane is installed.



Only apply FPS Butyl DS Tape to clean, dry and stable concrete or timber foundations. If the concrete foundation is very rough or has severe indentations – apply 2 or more layers of FPS Butyl DS Tape to these imperfections. For brick veneer cladding, apply FPS Butyl DS Tape after rebate sealant has been applied and dried.

If the framing overhangs the foundation, apply the FPS Butyl DS Tape lower than usual and allow more membrane below the bottom plate to compensate for the overhang.

Euroband DS Black Tape – FPS® Method© for sealing membrane at base of door openings.



Apply a section of DS Black Tape up the face of the concrete foundation (above the horizontal Butyl DS Tape) onto the bottom plate in line with the floor line.



Take a second section of Butyl DS Tape and apply from the outer face of the bottom plate around to the inner face of the bottom plate at the floor line.

Euroband DS Brown Tape – FPS® Method©

Overlapping horizontal membrane overlap - fold bottom edge of upper layer up and apply **Euroband DS (Brown) Tape** to the underside edge – firmly press to adhere before removing backing paper. Fold taped edge down onto the bottom layer, remove the backing paper and firmly press along tape to adhere membranes together. The upper layer of membrane may overlap the bottom layer by more than 60mm – this method avoids unsecured membrane seam edges.



Euroband S 60mm Tape – FPS® Method©

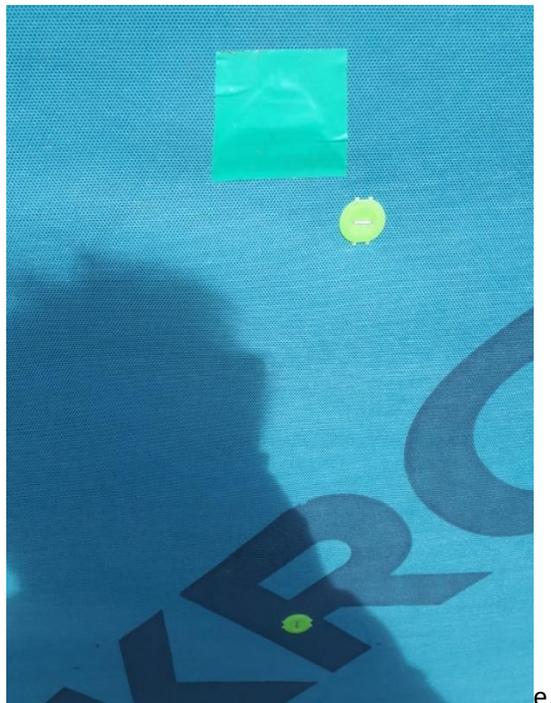
Taping Vertical Joints

Overlap vertical joints by a minimum of 60mm and join with FPS Euroband 60 Tape. Press the tape firmly in place ensuring it is fitted flat and securely to avoid wrinkles or open edges. Avoid joints closer than 400mm from corners and window and door openings.



Repairs – Holes, Rips and exposed fixings

It is essential to prevent water, moisture and wind/ air entering through the membrane at all times. Repair all scaffold fixing holes – with Euroband S tape. Any plain or bare staples, rips, tears, punctures or unsealed connections should be taped with Euroband S tapes as soon as practicable.



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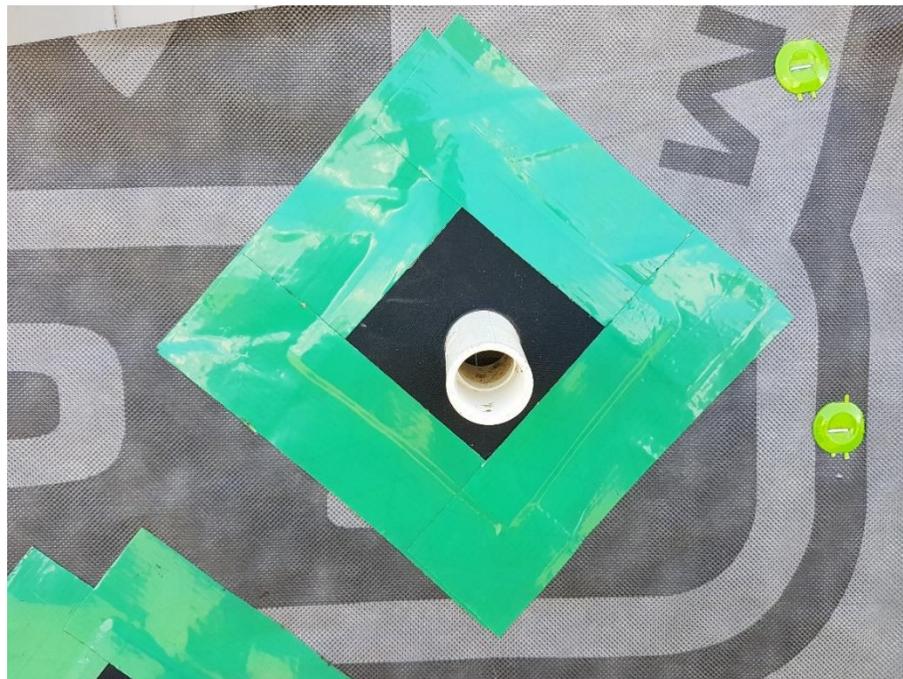
FPS® Penetration Seals ©

All penetrations (pipes, cables, ducting and heat pump fittings) that pass through the membrane must be sealed using **FPS® Seals or SealO Seals and fixed to membrane with Euroband S 60 Tape**.

Please also refer to [tape preparation instructions](#) that come with the seals.

Fit **FPS® Seals** on penetrations with the point of a corner facing upwards.

Apply tape evenly to each side of **FPS® Seals** and membrane and same in length along each side of seal. Press tape firmly onto seal and membrane.



Euroband S 120mm/180mm Tape – FPS® Method©

Window and Door Opening Corner Taping – FPS® Method©

DO NOT CUT WINDOW AND DOOR OPENINGS UNTIL JOINERY IS READY TO BE INSTALLED.

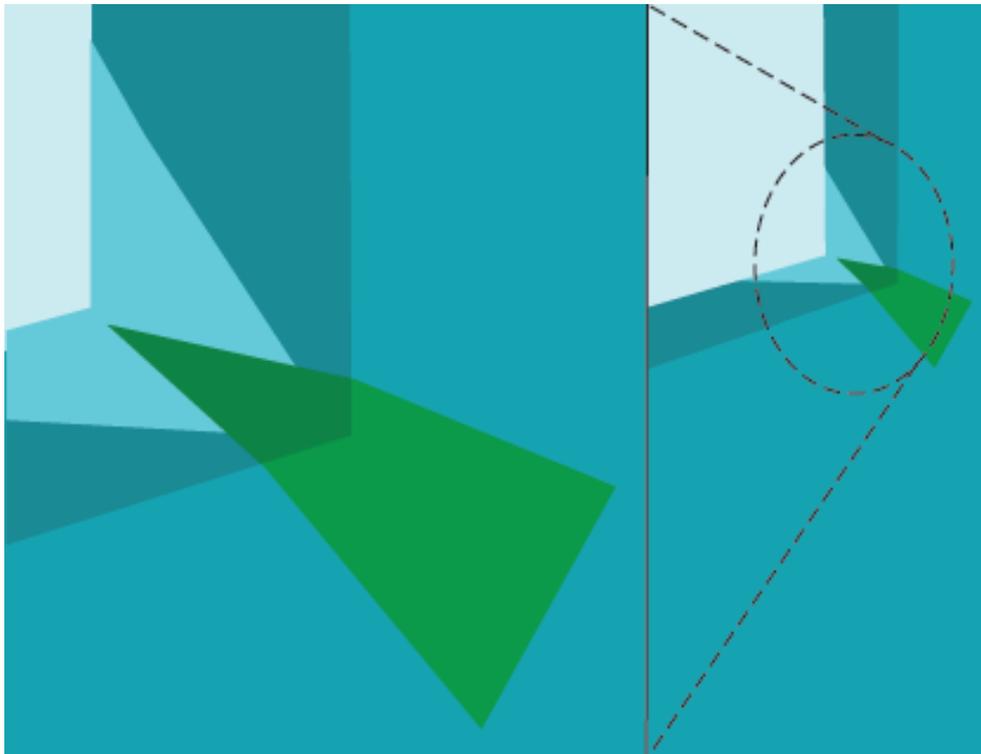
For window openings, cut membrane at 45° from each corner towards the opening mid-point.

Trim and fold each flap on all sides to the inside of the construction and plain staple in place on the inner face of the frame only.

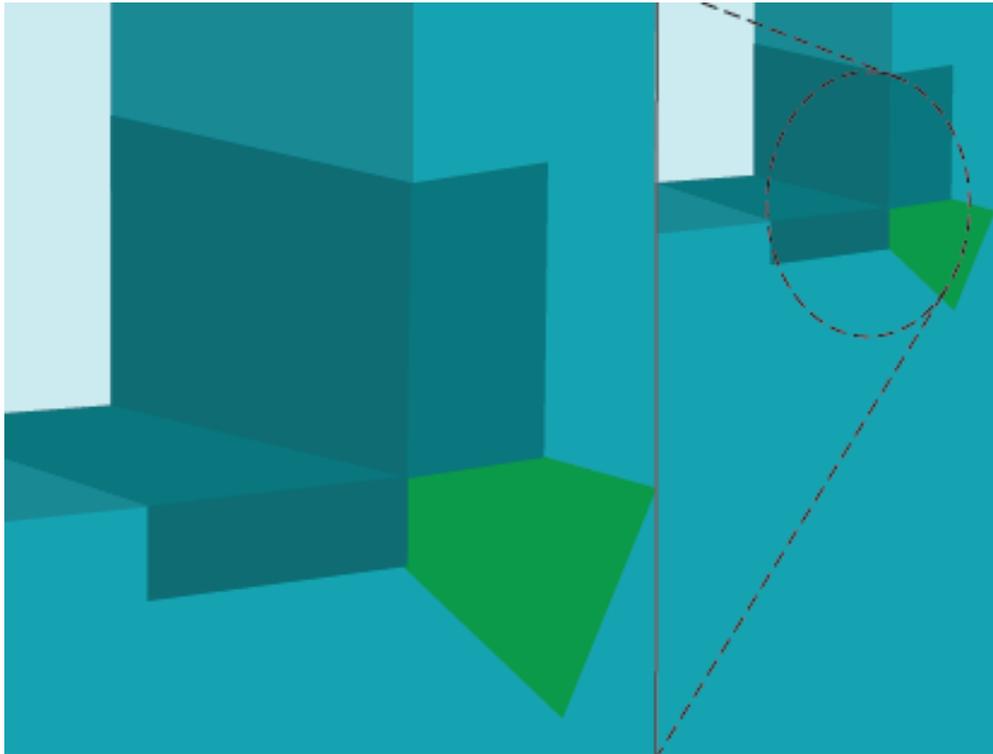
If the exposed timber in the corners is wet, cut a 200mm strip of membrane the width of the frame timber with sufficient length to cover the wet timber. Insert the strip into the corner covering the exposed timber behind the flaps of membrane. This cover strip may be stapled in place.

Cut a length of Euroband S 120/180 tape (green) at least 75mm in length. Cut the section on the diagonal from corner to corner, creating two triangular sections. First apply and firmly press the **widest** end on to outer face of opening before firmly pulling the pointed end into the 90° corner – press firmly in place.

Taping across the width of the sill is not required with FPS® Weathertight® Building Underlays®



Cut a 400mm length of Euroband S 120/180 tape. Measure 200mm up from the corner of the frame and make a mark. Remove the rear section of backing paper and align the top of the tape with the 200mm mark, and the side of the tape with the internal edge of the frame, and with the squeegee press the tape down into the corner and across the sill. Remove the second section of backing paper and press the tape in place. Ensure that there are no wrinkles or air pockets in the tape. At the corner, make a single cut outward of excess width of tape and fold down on outside face of membrane. Repeat for all four corners.



Weather/ Waterproofing around the windows – FPS® Method ©

It is beyond the scope of the Frame Protection Codemark to specify how the windows are sealed, because each manufacturer has their own installation and mounting techniques. Therefore, please follow the window manufacturers instructions.

Alternative method – In the absence of the window manufacturer instructions, the Auckland Council has approved the use of the FPS Euroband S 120mm wide tape as a means of closing off the 10mm gap between the joinery and the framing, not allowing any ingress of air and moisture to the 10mm gap.

Frame Protection System does not encourage the use of DPC around the windows because it still allows for air infiltration and produces penetrations in the membrane. Therefore, DPC does not contribute to weathertightness.