



DuPont® Flashing Tape Installation Guide – Australia



1. Product Overview:

DuPont™ Flashing Tape provides a secondary weather resistant barrier around framed openings by keeping any water that does get past the cladding or through the joinery from direct contact with the timber.

DuPont™ Flashing Tape contains no asphalt components: instead, the product uses a superior performance butyl based adhesive system and a thermally stable polyolefin top sheet that will not deteriorate or stain after extended exposure to temperatures up to 82°C.

DuPont™ Flashing Tape adheres to most common building materials while maintaining a forgiving initial tack that allows for repositioning of the tape during installation. Its lightweight release liner makes application easy at external temperatures as low as -4°C.

2. Key properties:

Top-sheet (Face): Polypropylene film

Adhesive: Butyl Rubber (black) – Adhesive is based on 100% butyl elastomer with no asphalt/modified bituminous components.

Thickness: 507µm (20 mil)

Release Liner: 1-piece heavy duty siliconized paper

Dimensions: 102mm, 152mm and 228mm x 22.9 metres

3. Performance testing:

INSTALLED SYSTEM WATER INTRUSION TESTING (Tested with no exterior cladding)

Test Procedure	Results
ASTM E331	No Leakage at 25 and 75PA
ASTM E331 after thermal aging (0- 160°F)	No Leakage at 25 and 75PA
Water Vapour Permeability (ASTM E96)	<1 perm (<60ng/Pa.sec.m2)
Application Temperature	Above -4°C
UV Resistance	120 days
AAMA 711-07 Material	Class A (no primer)
Classification Level	Level 3 Thermal Exposure 80°C for 7 day)

4. UV exposure:

DuPont™ Flashing Tape should be covered within 4 months (120 days)

5. Surface Preparation:

- Ensure all surfaces to which tape is applied are clean, dry and free of dust
- When applying DuPont™ Flashing Tape to LOSP treated timber, always ensure the solvent has been allowed to flash off prior to installing the product. It is suggested that a minimum of 1 week is allowed for.
- Ensure temperature is above -4°C

6. Installation - Windows:

Sill Area

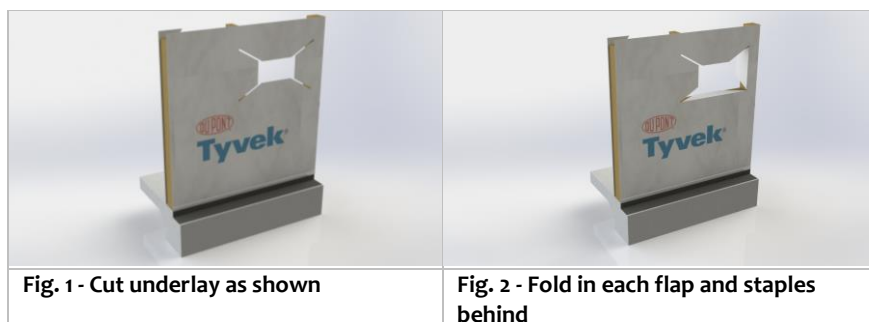
- Ensure the underlay is installed according to the manufacturer's instructions and fixed tightly into the inside of the window opening.
- Mark out start and end points min 150mm up from each corner of the window opening.
- Cut a piece of DuPont™ Flashing Tape 400mm longer than the window sill.
- Peel approximately 50 – 75mm of the release paper to expose the adhesive layer.
- Press the exposed end lightly against the start point, keeping the inner edge of the tape flush with the inside of the window opening. (The outer edge needs to overhang the window opening by a minimum 50mm.) Once the tape is positioned correctly, press it down firmly.
- Continue to press the tape against the framing, removing the backing paper as you go, until you reach the jamb/sill corner junction.
- Press the tape firmly into the corner junction, then continue across the full length of the window sill.
- At the far end of the sill, press the tape firmly into the second corner junction before finishing off at the end-point min 150mm up the jamb.

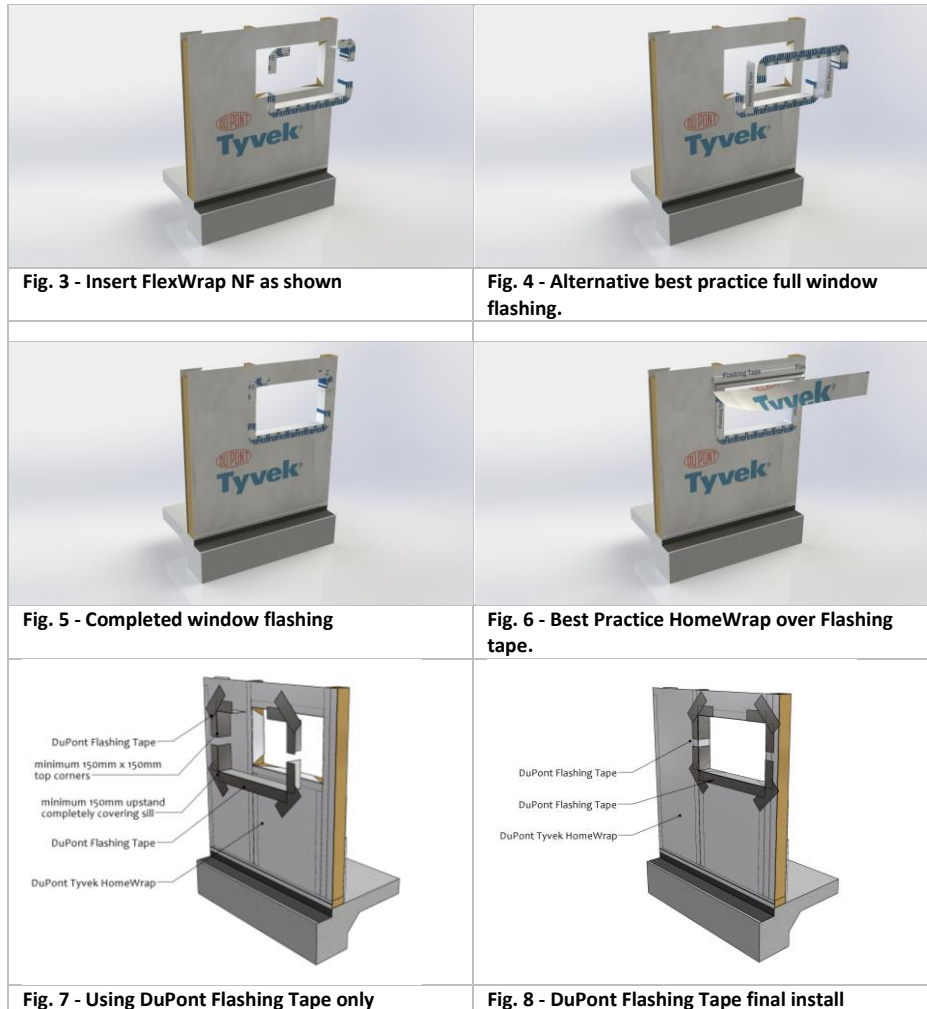
- Carefully cut the corner folds at both jamb/sill junctions. The cut should be perpendicular to the outer edge of the DuPont™ Flashing Tape and stop 3mm from the frame.
- Fold each length of overhanging tape back against the wall underlay and press firmly into place to ensure good adhesion. Cut one 100mm by 150mm piece of DuPont™ Flashing Tape. In turn, cut this piece into 2 x 50mm wide strips.
- Remove the backing paper and place one strip diagonally across each corner ensuring it overlaps the corner by 50mm.
- DuPont recommends applying pressure to all tape faces with a heavy roller to give a firm uniform adhesion.

Head Area

- Ensure the underlay is installed according to the manufacturer’s instructions and fixed tightly into the inside of the joinery opening.
- Cut 2 x 300mm lengths of DuPont™ Flashing Tape.
- Mark a start point on either the window jamb or the lintel, 150mm from each corner.
- Peel approximately 50 – 75mm of the release paper to expose the adhesive layer.
- Press the exposed end lightly against the selected start point, keeping the inner edge of the tape flush with the inside of the window opening. (The outer edge needs to overhang the window opening by a minimum 50mm.) Once the tape is positioned correctly, press it down more firmly.
- Continue to press the tape against the framing, removing the backing paper as you go, until you reach the corner junction of the jamb and the lintel.
- Press the tape firmly into the corner junction ensuring the inner edge is flush with the inside edge of the window opening, then apply the remaining 150mm.
- Carefully cut the corner folds at both jamb/sill junctions. The cut should be perpendicular to the outer edge of the DuPont™ Flashing Tape and stop 3mm from the frame.
- Fold each length of overhanging tape back against the wall underlay and press firmly into place to ensure good adhesion.

Ensure all tape is pushed firmly into place to ensure a good bond.





Door Installation:

Follow installation instructions for windows

Window Head Flashing Installation:

Apply DuPont™ Flashing Tape to the top of the window head flashing upstand and the building wrap. Refer to window and cladding manufacturer’s details for specific application requirements. For best

To meet scope and requirements of the CodeMark, DuPont™ Flashing Tape must be:

- Installed at temperatures above -4⁰C
- Used behind claddings that will remain weather resistant
- Used in conjunction with air seals and joinery flashing systems, not as a substitute
- Considered as part of the wall cladding system and not in isolation

DuPont™ Flashing Tape should not be:

- Used to compensate for poor detailing and workmanship of the window or door joinery installation
- Exposed to naked flame, in an attempt to warm the product
- Exposed to the weather or UV light for more than 120 days



Fig. 9 - DuPont FlexWrap and DuPont Flashing Tape installation.



Fig. 10 - DuPont FlexWrap NF only tape installation.