

Use of DuPont™ Flashing Tape in Lieu of DuPont™ StraightFlash™ in Rough Openings for Non-Flanged Windows and Doors

Introduction

DuPont Building Envelope Solutions Products provide solutions for details in a variety of markets – from single-family residential, to wood-framed multi-family, to heavy commercial projects. For heavy commercial construction where robust, high-performing products are required to protect rough openings, **DuPont™ FlexWrap™** and **DuPont™ StraightFlash™** provide the ideal solution for the rigorous demands placed on products in these locations. **FlexWrap™** and **StraightFlash™** have been tested to DuPont’s highest performance levels to meet these requirements and offer excellent adhesive strength to most building substrates, a durable top sheet designed to promote sealant adhesion, and 270 days of UV exposure.



For single-family and wood-framed multi-family buildings where performance designs are not as demanding, DuPont offers additional products tailored to these specific needs. **DuPont™ Flashing Tape** is an economical self-adhered flashing solution with a thinner butyl adhesive and a top sheet which offers 120 days of UV exposure. **DuPont™ Flashing Tape** is ideal for flashing integral flanged windows, **DuPont™ Tyvek® WRB**

terminations, and other typical details found in wood-framed construction. Similarly, **DuPont™ VersaFlange™** is a unique double-sided self-adhered flashing product offering 270 days of UV exposure that can be used in a variety of details to seal brick-mold windows and doors as well as other fenestration units that may not have a built-in mounting flange.

For more information regarding **DuPont Self-Adhered Flashing Products**, refer to the *DuPont Self-Adhered Flashing Product Information Sheet*.

DuPont has recently re-evaluated the conditions and requirements for use of the various **DuPont Self-Adhered Flashing Products** for non-flanged windows and doors. DuPont’s typical detail for protecting the rough opening for a commercial non-flanged unit involves a flush cut of the **Tyvek® WRB** at the opening, a head flap above the opening, and “wrapping the cavity” with flashing by installing **FlexWrap™** at the sill, **StraightFlash™** at the jambs, and **FlexWrap™** at the head. This detail is based on the high-performance requirements for commercial construction. However, for wood-framed construction, the building design is often not specified for high-performance.



DuPont™ Flashing Tape



DuPont™ StraightFlash™

DuPont™ Flashing Tape use in Rough Openings for Non-Flanged Windows and Doors

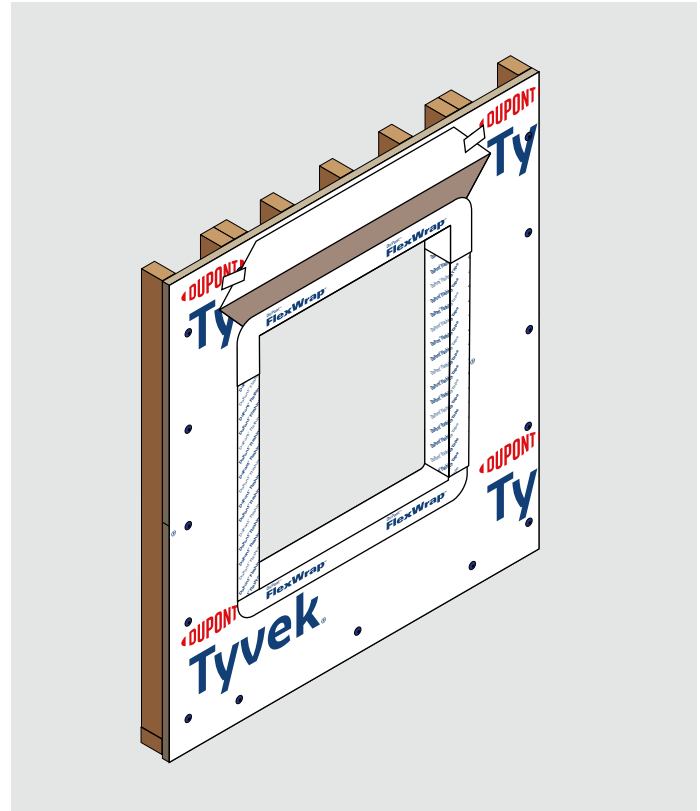
For wood-framed buildings not exceeding ASTM E1677 wind loading pressures (10.8 psf, 65 mph equivalent structural load) and ASTM E331 water infiltration resistance of 6.24 psf, based on window design not exceeding DP 45, DuPont™ Flashing Tape can be used in lieu of DuPont™ StraightFlash™ for protecting the jambs of rough openings in the “wrap the cavity” method typically used in commercial construction. When these performance criteria are met, the use of DuPont™ Flashing Tape as outlined above can be used for the following details:

- Non-Flanged Window
- Non-Flanged Door
- Brick Mold Window
- Brick Mold Door
- Storefront Window on Slab
- Storefront Window on Knee Wall
- PTAC Units

NOTE: For installation methods using DuPont™ VersaFlange™, DuPont™ Flashing Tape can be used in the wrap the cavity method as an alternate method when the above performance criteria are met.

NOTE: When using DuPont™ Flashing Tape in lieu of StraightFlash™ for the wrap the cavity method, DuPont™ Residential Sealant cannot be used as the primary water seal, as it was not designed to be used for non-flanged units. Refer to *Chemical Compatibility of Representative Building Sealants and Adhesives/Primers* for more information.

NOTE: DuPont allows the use of a 3-piece sill and head method for the above details when used in accordance with the applicable Installation Guidelines and installed by a DuPont Certified Installer.



DuPont™ Flashing Tape installed at jambs in lieu of StraightFlash™ for the Non-Flanged Window and/or Storefront details shown in the *DuPont Self-Adhered Flashing Products Installation Guidelines for Buildings Greater than 4 Stories and High Performance Installations of Any Height*



**For more information about
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