DuPont™ VersaFlange™

Flashing for Non-Flanged and Brick Mold Windows and Doors

OVERVIEW

Description

DuPont™ VersaFlange™ is an innovative, self-adhered window and door flashing for non-flanged and brick mold windows and doors. It features specially designed release papers with dual-sided butyl adhesive, scored backing and a forgiving initial tack, enabling quick and easier installation.

VersaFlange™ provides a reliable moisture seal to integrate brick mold, non-integral flanged and non-flanged windows and doors with the building envelope. Uniquely designed release papers allow DuPont™ VersaFlange™ to tie the window or door frame directly to the sheathing or water-resistive barrier to protect from bulk water leaks and supply buildings with superior protection against the elements.



Features and Benefits

- **Application and Service Temperature:** Can be installed at external temperatures as low as 25 °F (-4 °C) if the surface is clean and free from frost and ice. Designed to withstand up to 9 months (270 days) of UV exposure.
- **High Performance Durability:** Constructed with a durable, micro-creped DuPont™ Tyvek® top-sheet, a 100% butyl adhesive layer and a specially designed, scored release liner. Tough and tear-resistant, with a forgiving initial tack allowing for the ability to reposition and correct installation mistakes. Provides excellent adhesion to most common building materials. Contains no asphaltic/bitumen adhesive materials which many window manufacturers prohibit due to adverse material reactions, such as black staining, oozing, and deformation over time, particularly with vinyl flanges.

Sustainable Solutions

- When used as part of Building Envelope Solutions, DuPont™ VersaFlange™ also helps contribute towards U. S. Green Building Council LEED® points, LEED® for Homes points, and The National Green Building Standard™, as well as helping to create more sustainable, durable structures.

Complete System

- DuPont™ VersaFlange™ integrates easily with other DuPont™ weatherization products, including Tyvek® air and water barriers to help seal the building envelope. By protecting against water intrusion, DuPont™ VersaFlange™ helps prevent water damage to windows and doors and improves the durability and energy efficiency of the wall system.

Applications

- Non-flanged windows
- Brick mold windows and doors

Warranty

- DuPont™ VersaFlange™ is backed by 10-Year Limited Warranties when installed as part of the Tyvek® WRB system. For more information, refer to Warranty section at building.dupont.com

Standard Sizes

Standard Sizess for DuPont™ VersaFlange™

Unit	Width	Length	Units per Case	Cases per Pallet	Units per Pallet
Roll	6 in.	125 ft.	4	8	32

TESTING AND CODE COMPLIANCE

DuPont™ VersaFlange™ exhibits physical properties as indicated in the table below when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-833-338-7668 when additional guidance is required for writing specifications that include this product.

TEST METHOD	TEST TITLE	PROPERTY	RESULTS
AIR			
ASTM E1677	Standard Specification for Air Barrier (AB) Material or Assemblies for Low-Rise Framed Building Walls	Assembly Air Leakage	< 0.04 cfm/ft^2 (0.2 L/s • m^2)
WATER			
ASTM E331	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference	Installed System Water Intrusion Testing	NO leakage at 300 Pa
ASTM E331	Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference	Installed System Water Intrusion Testing (after thermal aging (0-120°F)	NO leakage at 300 Pa
ASTM E96	Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials	Water Vapor Permeability	< 1 perm (< 60 ng/Pa.sec.m^2)
GENERAL			
AAMA 711	Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products	Dupont Flashing Systems Products Meet the AAMA 711 Material Standard at the Highest Classification Levels	Class A (no primer) Level 3 Thermal Exposure (80°C/176°F for 7 days)

Note:- *Tested in a wall assembly containing a window. Consult DuPont for primer recommendations

INSTALLATION

Use Conditions

- DuPont™ VersaFlange™ performs best when installed at temperatures above 25 °F (-4 °C).
- VersaFlange™ should be installed on clean, dry surfaces that are free of frost. Wipe surfaces to remove moisture, dirt, grease and other debris that could interfere with adhesion.
- VersaFlange™ should not be installed over cap fasteners.
- VersaFlange™ is not intended to be used for through-wall flashing applications.
- Door and window rough sill framing must be level or slightly sloped to the exterior to ensure proper drainage. This best practice ensures continuous support with positive slope to the exterior.

Preparation

- Priming is generally not required for adhering DuPont™ Self-Adhered Flashing Products to most common building materials. However, adverse weather conditions or cold temperatures may require use of a primer to promote adhesion. Concrete, masonry and glass mat exterior gypsum sheathing require the use of a chemically compatible adhesive/primer.

Installation

- Refer to the applicable DuPont Installation Guideline found on our How To Install Page for complete installation information.
- Remove all wrinkles and bubbles that may allow for water intrusion by smoothing surface and repositioning as necessary.
- Apply pressure along the entire surface of flashing for a good bond using a J-roller or firm hand pressure.

HANDLING

Warning

- **WARNING: For Professional Use Only** - Read and follow the entire Handling section and the Safety Data Sheets (SDSs, formerly MSDSs or Material Safety Data Sheets) carefully before use. The information below is designed to protect the user and allow for safe use and handling of DuPont™ products. Follow all applicable federal, state, local and employer regulations.

Precautionary Statements

- DuPont™ Flashing Systems products and their release paper are slippery and should not be walked on. Remove release paper from work area immediately.
- DuPont™ Flashing Systems products are combustible and should be protected from flame and other high heat sources.
- If the temperature of Self-Adhered Flashing Products reaches 700 °F (307 °C) they will burn, and the fire may spread and fall away from the point of ignition.

Cleanup & Disposal

- Dispose of any residual DuPont™ product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.

For more information, visit us at
building.dupont.com
or call us at 1-833-338-7668

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