

DuPont™ StraightFlash™ VF

Flashing for Non-Flanged and Brick Mold Windows and Doors

FEATURES/BENEFITS

Description

DuPont™ StraightFlash™ VF* 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.

DuPont™ StraightFlash™ VF 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™ StraightFlash™ VF 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.

Ease of Use

- 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 and can be installed at external temperatures as low as -4°C (25°F) as long as the surface is clean and free from frost and ice.
- 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.
- Meets the AAMA 711-13 material standard at the highest classification levels: Class A (no primer) and Level 3 Thermal Exposure (80°C / 176°F for 7 days)
- Meets and Exceeds ASTM E331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference: no leakage at 300 Pa (equivalent to 50 mph windload), even after thermal aging (0-120°F)
- Designed to withstand up to 270 days of UV exposure



Available Sizes

DuPont™ StraightFlash™ VF is available in convenient 6" x 25 ft rolls, or ready-to-use 6" x 125 ft rolls in an easy dispensing carton.

Sustainable Solutions

When used as part of the DuPont Weatherization System, DuPont™ StraightFlash™ VF 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™ StraightFlash™ VF 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™ StraightFlash™ VF helps prevent water damage to windows and doors and improves the durability and energy efficiency of the wall system.

PROPERTIES

DuPont™ StraightFlash™ VF exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use.

Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing specifications that include this product.

TABLE 1: Performance Testing for DuPont™ StraightFlash™ VF

Property	Test Method	Typical Value
Installed System Water Intrusion Testing	ASTM E-331	NO leakage at 300 Pa
Water Vapor Permeability	ASTM-E331 (after thermal aging (0-120°F))	<1 Perm (<60 ng/Pa.sec.m2)
Application Temperature		Best when installed above 25°F*
Material Standard for Self-Adhering Flashing Surrounding Exterior Wall Fenestration	AAMA 711-13	Class A (no primer) Level 3 Thermal Exposure (80°C/176°F for 7 days)

* Consult DuPont for primer recommendations

INSTALLATION

Refer to DuPont™ Flashing Systems Installation Guidelines for complete installation instructions.

Use Conditions

- DuPont™ Flashing System products perform best when installed at temperatures above 25°F (-4°C).
- DuPont™ Flashing Systems products 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.
- DuPont™ Flashing Systems products should not be installed over cap fasteners.
- 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™ Flashing Systems 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 gypsum sheathing require the use of approved primers.

Application

- 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: 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 DuPont™ Flashing Systems products reach 700°F (307°C) they will burn and the fire may spread and fall away from the point of ignition.

Warranty

DuPont™ StraightFlash™ VF is backed by a limited warranty, available as described at building.dupont.com/warranties.

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
building.dupont.com
or call 1-866-583-2583**

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CAUTION: This product is combustible. Protect from high heat sources. A protective barrier or thermal barrier may be required as specified in the appropriate building code. For more information, consult (Material) Safety Data Sheet ((M)SDS), call DuPont at 1-866-583-2583 or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S. or 1-519-339-3711 in Canada.

WARNING: Rigid foam insulation does not constitute a working walkable surface or qualify as a fall protection product.

Building and/or construction practices unrelated to building materials could greatly affect moisture and the potential for mold formation. No material supplier including DuPont can give assurance that mold will not develop in any specific system.

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