

DuPont™ StraightFlash™

Flashing Protection for Straight Jambs and Heads of Windows and Doors



FEATURES/BENEFITS

Description

DuPont™ StraightFlash™ is an innovative, single-sided, self-adhered flashing solution that bridges the gap between the rough opening and building envelope to protect against water intrusion around heads and jambs of rectangular doors, windows and other gaps. By sealing vulnerable areas around openings, DuPont™ StraightFlash™ can help improve the durability and energy efficiency of both homes and commercial structures.

DuPont™ StraightFlash™ flashing combines a DuPont™ Tyvek® topsheet with a 100% butyl-based adhesive layer, merging the strength, durability and water resistance of Tyvek® material with the convenience and flexibility of a self-adhered flashing. The result: premium door and window flashing protection that keeps rain out and integrates seamlessly with other DuPont™ air and water barriers in a complete building envelope system.

Available Sizes

DuPont™ StraightFlash™ is packaged in ready-to-use 4" x 150' or 9" x 125' rolls in an easy dispensing carton

Ease of Use

- 100% butyl sealant provides excellent adhesion to most common building materials
- Constructed with a tear-resistant, micro-creped DuPont™ Tyvek® top-sheet and specially-designed, quick-release, scored release liner
- Forgiving initial tack provides ability to correct installation mistakes
- 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
- Qualified to several key industry-approved standards, including AAMA 711-07 Voluntary Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products
- Does not contain asphaltic / bitumen adhesive materials which many window manufacturers prohibit due to adverse material reactions.
- Withstands up to nine (9) months (270 days) of UV exposure
- Backed by a limited product warranty from DuPont

High Performance Durability

The gap between rough openings for doors and windows is a vulnerable weak point for water penetration into walls. Sealing it with DuPont™ StraightFlash™ helps prevent water intrusion by stopping potential water damage – from rot and corrosion to mold – before it starts, resulting in a more durable wall assembly. And by helping to prevent air and water leakage, DuPont™ StraightFlash™ can also preserve the installed R-Value of insulation, making buildings more energy efficient.

Complete System

DuPont™ StraightFlash™ is compatible with all DuPont™ Tyvek® air and water barriers and other building envelope products.

Sustainable Solutions

When used as part of a DuPont™ Building Envelope system, DuPont™ StraightFlash™ door and window flashing can also help contribute towards U.S. Green Building Council LEED® points.

PROPERTIES

DuPont™ StraightFlash™ 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™

Property	Test Method	Typical Value
Installed System Water Intrusion Testing	ASTM E-331	NO leakage at 300 Pa
	ASTM-E331 (after thermal aging (0-120°F))	
Water Vapor Permeability	ASTM E-96	<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. Additionally, 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™ 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/straightflash
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 call the DuPont Contact Center at 866-583-2583 or contact your local building inspector. For emergencies contact Chemtrec 800-424-9300, CCN (Contract Number) 7442.

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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