

DuPont™ Tyvek® Fluid Applied Flashing - Brush Formulation

PRODUCT INFORMATION

FEATURES/BENEFITS

- **Performance:** Offers an ideal combination of air and water holdout with vapor permeability.
- **Ease of Installation:** Single component, one-coat application that is specially formulated to be brush applied for fast and easy application.
- **Enhanced Durability:** Easily withstands high windloads and offers up to nine months of UV resistance.
- **Low Shrinkage:** Exhibits extremely low shrinkage during curing, reducing the amount of product needed to complete installation.
- **Ease of Use:** excellent gunnability down to ambient temperatures of 25°F with very easy tooling.
- **Energy Efficiency:** By helping to effectively seal the building envelope, the DuPont™ Tyvek® Fluid Applied Flashing - Brush formulation helps reduce the amount of energy required for heating and cooling.
- **Low VOC**
- Part of a complete, integrated fluid applied weather barrier system, all backed by a limited warranty from DuPont.

A DURABLE, VAPOR PERMEABLE FLUID APPLIED FLASHING ENGINEERED FOR BRUSH APPLICATION. IDEAL FOR RESIDENTIAL WINDOWS.



DESCRIPTION

DuPont™ Tyvek® Fluid Applied Flashing - Brush Formulation is a brush applied, vapor permeable elastomeric flashing material used to coat rough openings around windows and doors.

TYPICAL PROPERTIES

Please contact your local DuPont™ Tyvek® Specialist before writing specifications around this product. Typical properties are as follows:

TEST METHOD	PROPERTY	UNIT	VALUE
ASTM E2178	Air Penetration Resistance	cfm/ft² @ 75 Pa (1.57 psf)	0.0002
Gurley Hill (TAPPI T-460)	Air Penetration Resistance	sec/100 cc	>10,000
ASTM E2357	Wall Assembly Air Penetration Resistance	cfm/ft² @ 75 Pa	<0.01
ASTM E283	Wall Assembly Air Penetration Resistance	cfm/ft² @ 75 Pa	<0.01
ASTM E1677	Wall Assembly Air & Water Leakage	Type	NA
ATTCC 127	Water Penetration Resistance	cm	>1000
ASTM E331	Wall Assembly Water Penetration Resistance	Tested to 15 psf	No leakage
ASTM E96-00	Water Vapor Transmission	Method B perms	25
ASTM 1305	Low Temperature Crack Bridging	No cracking	PASS
ASTM D4541	Adhesion Strength - Concrete	psi	NA
ASTM D4541	Adhesion Strength - Exterior Gypsum (delaminates fiberglass topsheet)	psi	NA
ASTM D903	Peel Strength	lbf/in (aluminum)	13.8 Cohesive failure
ASTM C794	Adhesion-In-Peel	lbf/in (mortar)	PASS
ASTM D412	Tensile	psi	165
ASTM D412	Elongation	%	360
ASTM D2240	Hardness	Shore A	72
Accelerated weathering (G155)	Ultraviolet Light Exposure (UV)	months	9
ASTM E84	Surface Burning Characteristics	Class Flame Spread Index Smoke Developed Index	Class A 20 20
ASTM C1250	VOC	% (by wt.)	<2



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APPLICATION/USE INSTRUCTIONS

USE CONDITIONS

Use when ambient temperatures are 25° - 100° F (-4° - 38° C). Can be applied to damp, but not wet surfaces. Do not thin. Stirring not necessary.

PREPARATION

Remove all surface dust, dirt and loose mortar. Mortar joints in concrete block and voids in poured concrete shall be filled flush and smooth and allowed to cure for a minimum of 24 hours. Surfaces may be damp but not wet and must be clean, free from frost, grease, dirt, or other contaminants and must be reasonably smooth.

APPLICATION

For residential structures, use Tyvek® Fluid Applied Flashing - Brush Formulation completely around the window at 20 mils thick, +/- 5 mils, extend a minimum of 2" onto front surface. See installation guidelines for commercial building recommendations. Inspect for gaps or pinholes and repair as necessary.

CURING

DuPont™ Tyvek® Fluid Applied Flashing - Brush Formulation is tack free or dry to touch within 2 hours at 70°F and 50% relative humidity. Cure occurs within 24 hours at 70°F and 50% relative humidity. Tack free time and complete cure will vary with temperature, humidity and substrate conditions.

CLEAN-UP

Clean tools with mineral spirits, citrus-based cleaners, or gel-based paint stripper.

Please refer to DuPont™ Tyvek® Fluid Applied Flashing Installation Guidelines for complete instructions.

SAFETY PRECAUTIONS

CAUTION: Use only as directed. Avoid contact with eyes. First Aid: Eye Contact; Wash thoroughly with water. If irritation persists, contact a physician. Skin Contact; Rinse thoroughly with citrus-based cleaners. KEEP OUT OF REACH OF CHILDREN.

NOTICE

DuPont™ Tyvek® Fluid Applied Flashing- Brush Formulation should be covered with the facade within 9 months to limit UV exposure. Follow facade manufacturer's installation and maintenance requirements in order to maintain water holdout.

MATERIAL STORAGE/DISPOSAL:

Storage and Disposal: Material should be stored in a clean, dry environment, 50° - 80° F (10° - 27° C). Dispose per local codes and regulations.

SHELF LIFE AND STORAGE

The shelf life is 12 months for an unopened container. After opening, it is best to store opened containers with a plastic protective liner.

PACKAGING

DuPont™ Tyvek® Fluid Applied Flashing - Brush Formulation is available in 10.3 oz. or 28 oz. disposable cartridges and 3.5 gallon pails.

WARRANTY

Backed by a limited product warranty, see www.Weatherization.Tyvek.com.

LIMITATIONS

DuPont™ Tyvek® Fluid Applied Flashing-Brush Formulation should not be used for below grade applications or in applications in which it will be permanently exposed. Asphalt based adhesives are not recommended for use with this product.



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