DuPont™ Tyvek® Fluid Applied Flashing & Joint Compound

A DURABLE, VAPOR PERMEABLE TROWELABLE FLUID APPLIED FLASHING AND JOINT COMPOUND.

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 may be troweled 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 and Joint Compound helps reduce the amount of energy required for heating and cooling.
- **Low VOC**
- For best results, use with DuPont™ Tyvek® Fluid Applied WB.
- Part of a complete, integrated fluid applied weather barrier system, all backed by a limited warranty from DuPont.

DESCRIPTION

DuPont™ Tyvek® Fluid Applied Flashing and Joint Compound is a full-bodied trowel applied, vapor permeable elastomeric flashing material. Tyvek® Fluid Applied Flashing and Joint Compound is used to coat rough openings for windows and doors, to fill seams, cracks, and holes in substrate, to seal around penetrations, and to treat joints and transitions between building components.

TYPICAL PROPERTIES

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

<table>
<thead>
<tr>
<th>TEST METHOD</th>
<th>PROPERTY</th>
<th>UNIT</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM E2178</td>
<td>Air Penetration Resistance</td>
<td>cfm/ft² @ 75 Pa (1.57 psf)</td>
<td>0.0002</td>
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<tr>
<td>Guerley Hill</td>
<td>Air Penetration Resistance</td>
<td>sec/100 cc</td>
<td>&gt;10,000</td>
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<tr>
<td>ASTM E2357</td>
<td>Wall Assembly Air Penetration Resistance</td>
<td>cfm/ft² @ 75 Pa</td>
<td>&lt;0.01</td>
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<td>ASTM E283</td>
<td>Wall Assembly Air Penetration Resistance</td>
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<td>ASTM E1677</td>
<td>Wall Assembly Air &amp; Water Leakage</td>
<td>Type</td>
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<td>ATCC 127</td>
<td>Water Penetration Resistance</td>
<td>cm</td>
<td>&gt;1000</td>
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<td>ASTM E331</td>
<td>Wall Assembly Water Penetration Resistance</td>
<td>Tested to 15 psi</td>
<td>No leakage</td>
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<td>ASTM E96-00</td>
<td>Water Vapor Transmission</td>
<td>Method B perms</td>
<td>25</td>
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<tr>
<td>ASTM 1305</td>
<td>Low Temperature Crack Bridging</td>
<td>No cracking</td>
<td>PASS</td>
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<tr>
<td>ASTM D4541</td>
<td>Adhesion Strength - Concrete</td>
<td>psi</td>
<td>NA</td>
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<tr>
<td>ASTM D4541</td>
<td>Adhesion Strength - Exterior Gypsum (delaminates fiberglass topsheet)</td>
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<td>ASTM D903</td>
<td>Peel Strength</td>
<td>lbf/in (aluminum)</td>
<td>18.7</td>
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<td>ASTM C794</td>
<td>Adhesion-In-Peel</td>
<td>lbf/in (mortar)</td>
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<td>ASTM D412</td>
<td>Tensile</td>
<td>psi</td>
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<td>ASTM D412</td>
<td>Elongation</td>
<td>%</td>
<td>450</td>
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<td>ASTM D2240</td>
<td>Hardness</td>
<td>Shore A</td>
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<td>Accelerated weathering (G155)</td>
<td>Ultraviolet Light Exposure (UV)</td>
<td>months</td>
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<td>ASTM E84</td>
<td>Surface Burning Characteristics</td>
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<td>Flame Spread Index</td>
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<td>Smoke Developed Index</td>
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<td>ASTM C1250</td>
<td>VOC</td>
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<td>g/L</td>
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APPLICATION/USE INSTRUCTIONS

USE CONDITIONS
Use when ambient temperatures are above 25°F (-4°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.

FLASHING APPLICATION
Use Tyvek® Fluid Applied Flashing & Joint Compound completely around the window at 25 mils thick. Extend a minimum of 2” onto front surface. Inspect for gaps or pinholes and repair as necessary.

JOINT TREATMENT APPLICATION
Use Tyvek® Fluid Applied Flashing & Joint Compound to fill cracks and voids up to 1/4”. For cracks between 1/4” and 1/2”, cover first with mesh tape. Apply a bead, then trowel smooth. Seam coverage should be a minimum of 2” wide and 15-20 mils thick. Inspect for gaps or pinholes and repair as necessary.

CURING
DuPont™ Tyvek® Fluid Applied Flashing and Joint Compound is tack free or dry to touch within 1 hour 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.

APPROVALS / SPECIFICATIONS
The 2009 International Building Code (Section 1403.2 Weather Protection) requires that exterior walls shall provide the building with a weather resistant exterior wall envelope. The exterior wall envelope shall include flashing, as described in Section 1405.3. DuPont™ Tyvek® Fluid Applied Weather Barrier System products have been tested to the following standards.

• ASTM E 331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, And Curtain Walls by Uniform Static Pressure.

Energy Conservation Codes for commercial buildings are being adopted in many regions across the U.S. DuPont Tyvek Fluid Applied Weather Barrier System products meet the following codes and guidelines.

• Proposed ASHRAE 90.1 Model Energy Code air barrier requirements
• Minnesota Commercial Energy Code, Section 1323.0543, Section 5.4.3
• Massachusetts State Building Code 780 CMR 120.AA
• Wisconsin Building Code, Energy Conservation, Chapter Comm 63
• Michigan Building Code
• Rhode Island Building Code
• Georgia Building Code
• Florida Building Code

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 and Joint Compound 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: DuPont™ Tyvek® Fluid Applied products should be stored in a clean, dry environment, 50°- 80°F, (10° - 27°C). Storage of the products in temperatures outside that range for short periods of time can be acceptable. Please refer to the DuPont™ Tyvek® Fluid Applied FAQ’s.

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 and Joint Compound 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 and Joint Compound 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.