

DuPont™ Sealant for Tyvek® Fluid Applied System

Durable Elastomeric Sealant for Commercial Buildings

FEATURES/BENEFITS

Description

DuPont™ Sealant for Tyvek® Fluid Applied System is a high quality, non-vapor permeable sealant specifically designed to work with the DuPont™ Tyvek® Fluid Applied System. Used to seal around windows and doors and penetrations, DuPont™ Sealant for Tyvek® Fluid Applied System exhibits excellent adhesion and elongation.

Ease of Use

DuPont™ Sealant for Tyvek® Fluid Applied System is designed for use in standard sealant equipment for fast and easy application. Features include:

- **Enhanced Durability:** Offers excellent water hold-out for protection at critical interfaces.
- **Excellent Adhesion:** Excellent unprimed adhesion to the fluid applied system and a wide variety of construction materials and building components.
- **Low Shrinkage:** Exhibits extremely low shrinkage during curing, reducing the amount of product needed on the building during application.
- **Convenience:** 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™ Sealant for Tyvek® Fluid Applied System helps reduce the amount of energy required for heating and cooling.



- **Low VOC**
- Meets requirements of South Coast Air Quality Management District (SCAQMD) Rule #1168 as required for LEED® points.

Available Sizes

DuPont™ Sealant for Tyvek® Fluid Applied System is available in 10.3 oz. or 28 oz. disposable cartridges.

Complete System

For best results, use with DuPont™ Tyvek® Fluid Applied WB+ and DuPont™ Tyvek® Fluid Applied Flashing and Joint Compound+. Part of a complete, integrated fluid applied weather barrier system, all backed by a limited warranty from DuPont.

PROPERTIES

Please contact your local DuPont™ Tyvek® Specialist before writing specifications around this product. Typical properties can be found in Table 1.

TABLE 1: Typical Physical Properties – DuPont™ Sealant for Tyvek® Fluid Applied System

Test Method	Property	Unit	Value
ASTM C732	Artificial Weathering / Aging Effects	Pass/Fail	PASS
ASTM C920	Classification of Sealants		Class 25, Grade NS, Type S
ASTM C639	Rheological Properties / Sealant Slump	mm	PASS
ASTM C 661	Hardness / Durometer Test	Shore A	PASS, mean - 40
ASTM C679	Tack Free Time	minutes	PASS
C920 (C794)	Adhesion-in-Peel	PLI	PASS
C920 (C793)	Accelerated Weathering / Low Temperature Flexibility 180 degree bend (x" mandrel @ y degrees F)	Pass/Fail	PASS
C1183B	Extrusion Rate (B)	g/s	5.36
ASTM C1250	VOC	% (by wt.) g/L	<2 25-30

INSTALLATION

Preparation

- Use when ambient temperatures are above 25°F (-4°C).
- 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

- Use DuPont™ Sealant for Tyvek® Fluid Applied System to fill all voids between the window and flashing. Apply a bead, then smooth. Inspect for gaps or pinholes and repair as necessary.

Curing

- DuPont™ Sealant for Tyvek® Fluid Applied System 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.

TESTING

Applicable Standards

DuPont™ Sealant for Tyvek® Fluid Applied System meets the requirements of the following industry specifications and standards:

- ASTM C-920, Grade NS, Type S.

Limitations

DuPont™ Sealant for Tyvek® Fluid Applied System is not recommended for use with asphalt-based adhesives.

Satisfaction Guarantee

If not completely satisfied with this product's performance when used specifically as directed, contact DuPont de Nemours, Inc., at 1-800-448-9835, and upon mailing in your proof of purchase you will receive, at the discretion of DuPont, either a refund of your purchase price or a replacement of the product. No warranties, express or implied, extend beyond the description on this label.

HANDLING

Precautionary Statements

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

Clean Up and Purge

- 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.

Shelf Life and Storage

- 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.
- The shelf life for **DuPont™ Sealant for Tyvek® Fluid Applied System** is 12 months for an unopened container.
- Please refer to the DuPont™ Tyvek® Fluid Applied FAQs for further information.



**For more information visit us at
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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