

# DuPont Commercial Building Envelope Solutions

Helps seal the building envelope for more durable, comfortable and energy-efficient buildings



## Products

### Air and Water Barrier Membranes

- DuPont™ Tyvek® CommercialWrap® D
- DuPont™ Tyvek® CommercialWrap® D
- DuPont™ Tyvek® Fluid Applied WB+™

### Flashing Systems

- DuPont™ FlexWrap™
- DuPont™ FlexWrap™ EZ
- DuPont™ StraightFlash™
- DuPont™ VersaFlange™  
(formerly DuPont™ StraightFlash™ VF)
- DuPont™ Tyvek® Fluid Applied Flashing  
and Joint Compound+

### Accessories

- DuPont™ Sealant for Tyvek® Fluid Applied System
- DuPont™ Tyvek® Tape
- DuPont™ Adhesive/Primer
- DuPont™ Tyvek® Wrap Cap Screw
- Rodenhouse Thermal-Grip FastCap™ Washers with  
Grip-Deck Screws
- Rodenhouse Grip-Deck TubeSeal™ Fastener

### Support

- DuPont Building Knowledge Center
- DuPont™ Building Envelope Specialist Network
- DuPont™ Tyvek® Certified Installer Network
- Continuing Education
- Limited Product Warranties



## Air and Water Barrier Membranes

### DuPont™ Tyvek® CommercialWrap®

Engineered to provide excellent performance as an air and water barrier, offers the added strength and durability needed in commercial construction. Offers nine months of UV resistance on the job site and the ideal balance of air and water holdout and vapor permeability.

DuPont™ Tyvek® Commercial Building Wraps, and Tyvek® Fluid Applied Products meet or exceed the requirements of a water-resistive barrier as defined in the 2018 International Building Code (IBC). When Tyvek® CommercialWrap®, Tyvek® CommercialWrap® D and Tyvek® Fluid Applied Products are properly installed and used in conjunction with DuPont Self-Adhered Flashing Products where prescribed in the installation guidelines, will function as a high performance air barrier, passing ASTM E2357 and water infiltration resistance of 15psf (76.5 mph) when tested in accordance with ASTM E331.

### DuPont™ Tyvek® CommercialWrap® D

Tyvek® CommercialWrap® D offers >98% drainage efficiency when tested in accordance with ASTM E2273. A durable air and water barrier that offers a specially engineered surface texture designed to provide superior water drainage under a variety of facades. It offers high tear and wind load resistance, nine months of UV resistance and the ideal balance of air and water holdout and vapor permeability.

### DuPont™ Tyvek® Fluid Applied WB+™

Based on a unique formulation using silyl-terminated polyether polymer technology (STPE), offers the ideal combination of air and water holdout and vapor permeability. Applied in one coat, the elastomeric material provides two to three times the coverage of other fluid applied products and is ideal for application on concrete, CMU, gypsum sheathing and complex high-rise buildings. Additionally, Tyvek® Fluid Applied WB+™ is 99% solids with very low shrinkage while curing when combined with excellent elongation and recovery, allows product to stretch and move with the building with minimal cracking for outstanding long-term air and water protection. The product helps control air flow through the wall system, helping HVAC systems to operate more efficiently. Also helps prevent water accumulation in the wall system, aiding in preventing the growth of mold and water damage. UV resistant—allows for nine months exposure on the job site.

## Top 10 Reasons to use DuPont Commercial Building Envelope Solutions

- DuPont offers a compatible building wrap and fluid applied air and water barrier systems
- The right balance of protection against air and water infiltration and vapor permeability
- Helps improve building durability, energy efficiency & indoor air quality
- Nine months UV resistance
- High elongation to move with building
- DuPont™ Building Envelope Specialist Network
- DuPont Certified Installer Network
- 10-year limited warranty
- Backed by 30 years of DuPont building science
- Leading brand of commercial building wrap

DuPont Commercial Building Envelope Solutions offer the superior durability needed to hold up to the rigors of a commercial job site and are designed to work together to help seal the building envelope, creating more durable, comfortable and energy efficient structures. By controlling airflow, holding out bulk water and allowing interior moisture vapor to escape from the wall cavity, DuPont Commercial Building Envelope Solutions can help reduce the energy needed to heat and cool buildings; protect against mold growth and water damage; and help to create healthier and more comfortable indoor air environments. Using DuPont Commercial Building Envelope Solutions may help contribute toward U.S. Green Building Council LEED® points.





## DuPont Flashing Products

### DuPont™ FlexWrap™

A high performance, 100% butyl-backed, extendable self-adhered flashing material that can be applied over a wide range of building substrates. Ideal for sills, heads and penetrations. When installed properly helps to prevent air and water intrusion. Nine months UV resistance.

### DuPont™ FlexWrap™ EZ

DuPont™ FlexWrap™ EZ is a unique, flexible tape designed to create an air-and water-tight seal when installed around penetrations of all different shapes and sizes. Ideal for flashing around smaller electrical, HVAC, and plumbing penetrations.

### DuPont™ StraightFlash™

A durable, 100% butyl-backed, self-adhered flashing material for straight jambs and heads of rectangular windows to help prevent air and water intrusion. Nine months UV resistance.

### DuPont™ VersaFlange™ (formerly DuPont™ StraightFlash™ VF)

An innovative, dual-sided, 100% butyl-backed, self-adhered flashing material for brick mold and non-flanged windows and doors to help prevent water damage and air leakage. Nine months UV resistance.

### DuPont™ Tyvek® Fluid Applied Flashing and Joint Compound+

This product combines the function of two products – flashing and joint compound – into one product. A full-bodied, trowel applied, vapor permeable elastomeric material used to coat rough openings for windows and doors, to fill seams, cracks, and holes in substrates, to seal around penetrations, and to treat joints and transitions between building components. Additionally, combining low shrinkage with excellent elongation and recovery allows the product to stretch and move with the building, resulting in minimal cracking while requiring only one coat of coverage. UV resistant—allows for nine months exposure on the job site.

## Accessories

### DuPont™ Sealant for Tyvek® Fluid Applied System

A high-quality, non-vapor permeable sealant specifically designed to work with DuPont™ Tyvek® Fluid Applied System products. Used to seal around windows, doors and other wall penetrations. This product exhibits excellent adhesion and elongation.

### DuPont™ Tyvek® Tape

Specially engineered adhesive tape for use with DuPont commercial building wrap products that creates a continuous barrier providing maximum reduction of air and water infiltration through the building envelope.

### DuPont™ Adhesive/Primer

A high performance adhesive/primer designed to help create a high strength bond between self-adhered flashing products and wall surfaces where either adhesion can be difficult or for use in cold temperature applications.

### 2-inch DuPont™ Tyvek® Wrap Cap Screw

A mechanical attachment of DuPont™ Tyvek® building wraps to commercial buildings.

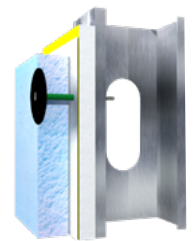


### Rodenhouse Thermal-Grip FastCap™ Washers with Grip-Deck Screws

A 2" dia. solid cap washer with pre-assembled or collated screw designed as a mechanical attachment of DuPont™ Tyvek® building wraps with optional labor-saving autofeed screw gun system.

### Rodenhouse Grip-Deck TubeSeal™ Fastener

The Grip-Deck TubeSeal™ fastener from Rodenhouse Inc. is designed to help seal blind fastener penetrations of your DuPont™ Tyvek® building wraps when mechanically attaching DuPont Exterior Continuous Insulation over building wrap.



## Support when and where you need it

### DuPont Building Knowledge Center

DuPont is known for its dedicated people and innovative products which help you build better commercial structures with materials you've come to know and trust, like DuPont Building Envelope Solutions.

The DuPont Building Knowledge Center is where DuPont building scientists and construction professionals can evaluate solutions and collaborate on new ideas that will assist you in building structures that are more energy efficient and durable. The DuPont™ Building Knowledge Center is a part of a long history at DuPont of scientific discovery and application knowledge that has changed the way people live, work and play.



A Specialist is available to assist you throughout your DuPont™ Tyvek® installation.

## DuPont™ Tyvek® Certified Installer Program

A Certified Installer acts as an on-site DuPont air and water barrier products installation expert, able to provide installation services to help seal the building envelope. DuPont Certified Installers receive classroom and on-site training on proper installation techniques and safety practices from a DuPont™ Building Envelope Specialist and must pass written and hands-on installation tests to become part of this nationwide network.

## Continuing Education

To help you stay current on building practices and specifications, your local DuPont™ Building Envelope Specialist offers AIA and CES learning units, as well as Building Science Seminars.

## Warranty

### DuPont Building Envelope Solutions Product Warranties

DuPont Building Envelope Solutions products come backed by a limited warranties from DuPont, a company that has been dedicated to providing innovative and reliable products for over 200 years. Visit [www.dupont.com/knowledge/tyvek-building-envelope-warranties.html](http://www.dupont.com/knowledge/tyvek-building-envelope-warranties.html) for more information on these warranties offered by DuPont.

## Sustainability

### U.S. Green Building Council Leadership in Energy and Environmental Design (LEED®)

By helping seal the building envelope for improved energy efficiency and indoor air quality, DuPont™ Tyvek® may help contribute toward U.S. Green Building Council LEED® points in the following categories:

- Energy & Atmosphere
- Indoor Environmental Quality
- Materials & Resources

LEED® is the preeminent program for the design, construction, maintenance and operations of high-performance green buildings.

## Complete System of Products

DuPont Commercial Building Envelope Solutions products integrate seamlessly to help seal the building envelope for more durable and energy-efficient buildings. For optimal protection on all your building projects, use DuPont Commercial Building Envelope Solutions including:

- DuPont™ CommercialWrap®
- DuPont™ CommercialWrap D
- DuPont™ Fluid Applied WB+™
- DuPont™ FlexWrap™
- DuPont™ FlexWrap™ EZ
- DuPont™ StraightFlash™
- DuPont™ VersaFlange™ (formerly DuPont™ StraightFlash™ VF)
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- DuPont Wrap Cap Screw
- Rodenhouse Thermal-Grip FastCap™ Washers with Grip-Deck Screws
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## Technical Services/Additional Information

DuPont offers dedicated technical support, guide specifications, detailed installation guidelines, installation bulletins, CAD Details, MSDS sheets, case studies, and technical webinars to support and assist in answering specific technical questions. For additional technical assistance, contact DuPont by calling 1-833-338-7668. Or visit our website for technical information or to find a local Specialist in your area: [building.dupont.com](http://building.dupont.com).



For more information  
visit [building.dupont.com](http://building.dupont.com)  
or call 1-833-338-7668

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