

# DuPont Residential Building Envelope Solutions

Providing solutions that help protect homes



## Products

### Water-Resistive and Air Barriers

- DuPont™ Tyvek® HomeWrap®
- DuPont™ Tyvek® StuccoWrap®
- DuPont™ Tyvek® DrainWrap™
- DuPont™ Tyvek® ThermaWrap® LE

### Flashing Systems

- DuPont™ FlexWrap™
- DuPont™ FlexWrap™ EZ
- DuPont™ StraightFlash™
- DuPont™ VersaFlange™  
(formerly DuPont™ StraightFlash™ VF)
- DuPont™ Flashing Tape

### Roofing

- DuPont™ Tyvek® Roof Protector™
- DuPont™ Tyvek® Protec™ Roofing Underlayments

### Accessories

- DuPont™ Tyvek® Tape
- DuPont™ Tyvek® Metallized Tape
- DuPont™ Tyvek® Wrap Cap Screws
- DuPont™ RainVent™ Batten
- DuPont™ Adhesive/Primer
- Tower™ Residential Sealant  
(formerly DuPont™ Residential Sealant)

## Knowledge

- DuPont Building Knowledge Center

## Services

- DuPont™ Building Envelope Specialist Network
- DuPont™ Tyvek® Certified Installer Network



## DuPont™ Tyvek® Water-Resistive and Air Barriers (WRBs)

### DuPont™ Tyvek® HomeWrap®

World's leading house wrap has the optimum combination of properties to deliver the best balance of weather protection, moisture management and durability behind residential facades.

### DuPont™ Tyvek® StuccoWrap®

A specially engineered surface texture designed for traditional and synthetic stucco systems to help reduce susceptibility to cracking of the scratch coat and improve stucco curing. When installed as a drainage plane, DuPont™ Tyvek® StuccoWrap® helps channel moisture out of the wall.

### DuPont™ Tyvek® DrainWrap™

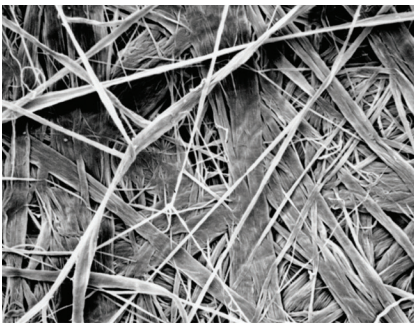
Engineered with vertical grooves to provide enhanced drainage behind claddings such as primed wood, fiber cement siding and foam board, while allowing moisture vapor to pass through to promote drying in wall systems.

### DuPont™ Tyvek® ThermaWrap® LE

A low-emissivity metallized surface designed to manage radiant heat flow through wall systems to help improve energy efficiency and homeowner comfort.

## Top Reasons to use DuPont Building Envelope Solutions

- Help reduce air infiltration
- Help reduce water intrusion
- Vapor permeability
- Improve energy efficiency
- Ease-of-use
- DuPont™ Building Knowledge Center
- DuPont™ Building Envelope Specialist Network
- DuPont™ Tyvek® Certified Installer Network
- 10-Year Limited Warranty



DuPont™ Tyvek® is a nonwoven, nonperforated sheet of spunbonded high-density polyethylene (HDPE) with microscopic pores large enough for moisture vapor to pass through, but small enough to resist air infiltration and water intrusion. The unique combination of properties – air infiltration resistance, bulk water resistance and vapor permeability—help protect a home from the elements, improve energy efficiency and prevent moisture from accumulating in walls.

## DuPont Flashing Products



All DuPont Flashing Products are designed to be compatible with DuPont™ Tyvek® WRBs.

### 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, round top windows, and penetrations. Helps prevent air and water intrusion.

### DuPont™ FlexWrap™ EZ

DuPont™ FlexWrap™ EZ is a unique, flexible adhesive 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, premium self-adhered flashing material for straight jambs and heads of rectangular windows to help prevent air and water intrusion.



### DuPont™ VersaFlange™

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

### DuPont™ Flashing Tape

An economical, self-adhered, 100% butyl-backed flashing tape to help create a protective envelope around heads and jambs of rectangular windows and doors.

## Roofing

### DuPont™ Tyvek® Protec™

A portfolio of engineered synthetic roofing underlayments, ideal for slopes 2:12 or higher under a variety of roofing materials in repair, re-roofing and new construction.



### DuPont™ Tyvek® Roof Protector™

A tear-resistant engineered synthetic roofing underlayment that lays flat and stays flat for easier installation and better coverage per roll. Suitable for slopes 2:12 or higher.

## Accessories

### DuPont™ Tyvek® Tape

Specially engineered adhesive tape for use with DuPont Building Envelope Solutions that provides a continuous barrier against air and water infiltration.



**DuPont™ Metallized Tape** is available for use with Tyvek® ThermaWrap® LE.

### DuPont™ Tyvek® Wrap Cap Screws

The recommended fastening method for DuPont™ Tyvek® Water-Resistive and Air Barriers (WRBs) that provides additional protection around fastener penetrations and increases fastener holding power.



### DuPont™ RainVent™ Batten

A polypropylene corrugated batten product with flow through ventilation channels installed between the control layer and the siding/stucco system to improve drying and help reduce the chances of moisture damage and mold.



### DuPont™ Adhesive/Primer

DuPont™ Adhesive/Primer is a high performance product 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.

### Tower Residential Sealant (formerly named DuPont Residential Sealant)

A durable, highly flexible sealant for window and door installations and general construction applications.



## Support When and Where You Need it

### DuPont Building Knowledge Center

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.

When you use DuPont products in your next project, trust that in addition to getting products that meet the highest performance standards, you're also getting industry-leading building and material science offered through the DuPont Building Knowledge Center.

### Continuing Education

To help 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.

### DuPont™ Building Envelope Specialist Network

A national team of highly-trained field representatives who are focused on residential construction and can offer detailed information on DuPont™ Tyvek® WRBs to meet your construction needs. From the latest updates on building codes, to on-site consulting and training, your DuPont™ Building Envelope Specialist will help you make sure the job gets done right.

### DuPont™ Tyvek® Certified Installer Network

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 elite nationwide network.



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

## Warranty

DuPont Building Envelope Solutions come backed by limited warranties from DuPont, a company that has been dedicated to providing innovative and reliable products for over 200 years. For more warranty information visit [building.dupont.com](http://building.dupont.com).

## 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.

### National Green Building Standard, ICC 700

The National Green Building Standard, ICC 700, contains four threshold levels: Bronze, Silver, Gold, and Emerald. The highest level, Emerald, calls for a building to save 60% or more of its energy use. DuPont Building Envelope Solutions products may help contribute toward achieving these threshold levels.

## Complete System of Products

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

- DuPont™ Tyvek® HomeWrap®
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## Technical Services/Additional Information

DuPont offers dedicated technical support, guide specifications, detailed installation guidelines, CAD Details, MSDS sheets, case histories, and tech-talks 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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