



DuPont™ Tyvek® Weatherization Systems

PROVIDING SOLUTIONS THAT HELP PROTECT HOMES



The miracles of science™

Water-resistive Barriers

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

Flashing Systems

- DuPont™ FlexWrap™
- DuPont™ StraightFlash™
- DuPont™ StraightFlash™ VF
- DuPont™ StraightFlash™ OS
- DuPont™ Flashing Tape

Roofing

- DuPont™ RoofLiner with Elvaloy®
- DuPont™ Tyvek® AtticWrap™

Accessories

- DuPont™ Tyvek® Tape
- DuPont™ Tyvek® Metallized Tape
- DuPont™ Tyvek® Wrap Caps
- DuPont™ Weatherization Sealant

Additional Information

- DuPont™ Tyvek® Specialist Network
- DuPont™ Tyvek® Certified Installers
- DuPont™ Tyvek® 10-Year Limited Warranty Program
- ENERGY STAR® partner

DuPont™ Tyvek® Weatherization Systems



Top Reasons to use DuPont™ Tyvek® Weatherization Systems

- Helps reduce air infiltration
- Helps reduce water intrusion
- Vapor permeability
- Improves energy efficiency
- Ease of use
- Warranty Program
- DuPont™ Tyvek® Specialist Network
- DuPont™ Tyvek® Certified Installers
- DuPont™ Tyvek® 10-Year Limited Warranty
- Energy Star® rated



DuPont™ Tyvek® AtticWrap™ is a breathable membrane that helps create a sealed attic system, reducing air leakage and energy loss through the roof.

Introduction

DuPont™ Tyvek® Weatherization Systems are an integrated family of products that work together to help protect homes against air infiltration and water intrusion to help prevent moisture accumulation in walls which can lead to the formation of mold and mildew. In addition, DuPont™ Tyvek® Weatherization Systems are backed by a national network of DuPont™ Tyvek® Specialists and DuPont™ Tyvek® Certified Installers to help make sure the products are specified and installed properly.

How DuPont™ Tyvek® Works

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™ Tyvek® HomeWrap®

With more than 30 years of residential performance on millions of homes, DuPont™ Tyvek® HomeWrap® is the world's leading housewrap. DuPont™ Tyvek® HomeWrap® has the optimum combination of properties to deliver the best balance of weather protection, moisture management and durability.

DuPont™ Tyvek® StuccoWrap®

With a specially engineered surface texture designed for traditional and synthetic stucco systems, DuPont™ Tyvek® StuccoWrap® helps reduce susceptibility to cracking behind scratch coat and improves stucco curing.

DuPont™ Tyvek® DrainWrap™

DuPont™ Tyvek® DrainWrap™ can enhance drainage behind claddings such as primed wood, fiber cement siding and foam board applied over flat substrates. The inherent water-resistant properties of DuPont™ Tyvek® are enhanced with vertical grooves on the surface to help channel bulk water effectively while allowing moisture vapor to pass through helping to promote drying in wall systems.

DuPont™ Tyvek® ThermaWrap™

DuPont™ Tyvek® ThermaWrap™ is a nonwoven, spunbonded, non-perforated high-density polyethylene (HDPE) sheet with a unique combination of high vapor permeability and low-emissivity metallized surface designed to manage radiant heat flow through wall systems. Which helps to achieve improved energy efficiency, homeowner comfort and durability.

DuPont™ Flashing Systems

DuPont™ FlexWrap™ – This extendable flashing is made with DuPont™ Tyvek®, elastic material, polyolefin film and a highly adhesive butyl sealant. It is uniquely engineered to address the issues of vulnerable bottom corners of the sill where water damage is most likely to occur. DuPont™ FlexWrap™ is wrapped into the rough opening before the window is installed, making one-step, seamless protection possible. It also conforms around round-top or custom-shaped windows effectively.



DuPont™ FlexWrap™ and DuPont™ StraightFlash™ are designed to be compatible with the DuPont™ Tyvek® Weatherization Systems.

DuPont™ StraightFlash™ – This product, made from DuPont™ Tyvek® and a premium butyl adhesive, is designed to protect the heads and jambs of rectangular windows which can be subjected to wind-driven rain. It compliments the use of DuPont™ FlexWrap™.

DuPont™ StraightFlash™ VF – This dual-sided, self-adhered flashing is made with DuPont™ Tyvek® and premium butyl adhesive. It provides a reliable moisture seal to integrate brick mold, non-integral flanged and non-flanged windows and doors with the building envelope.

DuPont™ StraightFlash™ OS – DuPont™ StraightFlash™ OS is the first brand of flashing that provides reliable water-resistive barrier integration for open stud, windows first construction. This all-in-one product helps reduce tape and sealant use and is easy to install—helping to reduce labor costs.

DuPont™ Flashing Tape – By helping to channel water effectively outside the home, DuPont™ Flashing Tape helps protect against water damage that can occur when moisture becomes trapped within the wall system. Providing a durable seal at the window-wall interface.

DuPont™ RoofLiner with Elvaloy®

DuPont™ RoofLiner with Elvaloy® is a lightweight, easy-to-use roofing underlayment, for use in unrated assemblies, that, when compared with traditional roofing felt, offers superior tear and UV resistance, along with improved water hold-out and better mold resistance. In fact, just 1 roll of DuPont™ RoofLiner with Elvaloy® replaces 5 rolls of 30-lb felt.

DuPont™ Tyvek® AtticWrap™

DuPont™ Tyvek® AtticWrap™, an innovative breathable membrane, that helps to create a sealed attic system which reduces air leakage and energy loss through the attic. A unique, metallized surface reflects heat while the breathable membrane helps prevent moisture build-up. DuPont™ Tyvek® AtticWrap™ is installed as part of a ventilated roof structure and helps remove moisture from the attic, while sealing the attic. So your attic stays warmer in the winter, cooler in the summer, and drier year-round.

DuPont™ Tyvek® Tape

DuPont™ Tyvek® Tape is recommended as a best installation practice for sealing the seams of DuPont™ Tyvek® Weatherization Systems products to help provide a continuous barrier against air and water infiltration. It features a specially engineered adhesive to create the best adhesion to DuPont™ Tyvek® water-resistive barriers in any climate.

DuPont™ Tyvek® Wrap Caps

DuPont™ Tyvek® Wrap Cap fasteners (nails, screws, staples) are recommended to increase holding power and reduce tears when fastening DuPont™ Tyvek® Weatherization Systems products. DuPont™ Tyvek® Wrap Caps can be pneumatically applied or hand applied for greater flexibility across a number of building applications.

DuPont™ Weatherization Sealant

DuPont™ Weatherization Sealant is scientifically formulated to bond with DuPont™ Tyvek® Weatherization Systems products, helping create a breathable, protective barrier to increase energy efficiency, reduce heating and cooling costs, and help protect against water infiltration.

DuPont™ RoofLiner with Elvaloy® an easy-to-use roofing underlayment.



DuPont™ Tyvek® Tape, DuPont™ Tyvek® Wrap Caps and DuPont™ Weatherization Sealant, integral parts of DuPont™ Tyvek® Weatherization Systems.



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

DuPont™ Tyvek® Specialist Network

A national group of over 180 highly-trained field representatives is available to assist you with your installations. From the latest updates on building codes, to keeping up with current trends and challenges, your local DuPont™ Tyvek® Specialist can provide on-site consulting and training to help make sure the job gets done right.

Continuing Education

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

DuPont™ Tyvek® Certified Installers

The DuPont™ Tyvek® Certified Installer Program is one more way to put the building science expertise of DuPont right at your fingertips. Your DuPont™ Tyvek® Certified Installer provides trained installation services to help seal the building envelope.

DuPont™ Tyvek® 10-Year Limited Warranty

DuPont™ Tyvek® Weatherization Systems come backed by a 10-Year Limited Warranty giving you the assurance that DuPont will stand behind its products. For more information on how to obtain the warranty, please visit www.Construction.Tyvek.com.

ENERGY STAR®

“Sealing the building envelope is one of the most cost-effective ways to lower the home’s utility bills and improve comfort.” Wrapping a home with a continuous water-resistive barrier like DuPont™ Tyvek® helps seal the building envelope. The ENERGY STAR® Home Sealing™ program and DuPont™ Tyvek® provide assurance to consumers that their home includes high-quality, energy-efficient materials for greater cost savings and long-term value.

Complete system of products

DuPont™ Tyvek® Weatherization Systems integrate seamlessly to 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™ Tyvek® Weatherization Systems including:

- DuPont™ Tyvek® HomeWrap®
- DuPont™ Tyvek® StuccoWrap®
- DuPont™ Tyvek® DrainWrap™
- DuPont™ Tyvek® ThermaWrap™
- DuPont™ Tyvek® AtticWrap™
- DuPont™ RoofLiner with Evaloy®
- DuPont™ FlexWrap™
- DuPont™ StraightFlash™
- DuPont™ StraightFlash™ VF
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Technical Services/Additional Information

DuPont also 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 complex applications, and specific project requirements contact DuPont by calling **1-800-44-Tyvek (448-9835)**. You can also visit or website for more technical information or to find a local specialist in your area by visiting www.Construction.Tyvek.com.



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World Business Council for Sustainable Development

DUPONT IS PROUD TO BE A FOUNDING MEMBER OF THE WBCSD.



DuPont has been a proud ENERGY STAR partner since 1994