



## Your Source for Building Envelope Protection

### Air & Water Barriers

DuPont™ Tyvek® HomeWrap®  
DuPont™ Tyvek® StuccoWrap®  
DuPont™ Tyvek® DrainWrap™  
DuPont™ Tyvek® ThermaWrap™ LE  
DuPont™ Tyvek® CommercialWrap®  
DuPont™ Tyvek® CommercialWrap® D  
DuPont™ Tyvek® Fluid Applied WB+™  
ProPink ComfortSeal™ Sill Gasket

### Rainscreens

DuPont™ Tyvek® DrainVent™  
DuPont™ RainVent™ Battens  
  
Keene DriWall™ Rainscreen  
Keene DriWall™ Rainscreen UV  
Keene Easy-Fur™  
  
MortarNet® with Insect Barrier  
CellVent™  
WeepVent™  
WallDefender®  
  
Driwall™ Membrane Flashing (40-60 mil)  
Driwall™ Prefabricated Composite Drain (PCD)  
DriWall™ Mortar Deflection

### Roofing Underlayments and Related

DuPont™ Tyvek® Protec™ 120  
DuPont™ Tyvek® Protec™ 160  
DuPont™ Tyvek® Protec™ 200  
DuPont™ Tyvek® Roof Protector™

### Brands



### Window & Door Flashings

DuPont™ Tyvek® IntegrationWrap™  
DuPont™ Flashing Tape  
DuPont™ FlexWrap™  
DuPont™ FlexWrap™ EZ  
DuPont™ StraightFlash™  
DuPont™ StraightFlash™ VF  
  
QuickFlash® Flashing Panels  
QuickFlash® Flashing/Tape Tool

### Accessories

DuPont™ Tyvek® Tape  
DuPont™ Sealant  
Wrap Cap Screws  
Wrap Cap Washers  
J-Roller  
GreatStuff™ Window & Door Foam  
GreatStuff™ Subfloor Construction Adhesive  
GreatStuff™ Pro 13 Gun Blister Pack  
GreatStuff™ Pro 14XL Gun Blister Pack  
  
AU-1 Sealant  
  
Keene Primer 5 Gallon  
KeeneSeal 100  
  
Stinger CH38 Hammer  
Stinger CH38-A Hammer  
Stinger CS150-B Cap Stapler  
3/8", 5/8", 7/8", 1 1/4" Stinger Staplepac

### Contact us to request Literature/Samples



# DuPont™ Tyvek® HomeWrap™

Sturdy House Wrap Engineered for Energy Efficiency



## FEATURES/BENEFITS

### Description

DuPont™ Tyvek® HomeWrap™ is the original house wrap, incorporating unique material science that helps keep air and water out, while letting water vapor escape. As a result, it can contribute to improved building durability by helping to protect homes against damaging wind and rain that can penetrate the exterior cladding.

Tyvek® HomeWrap™ can also reduce home energy bills by controlling air flow and water intrusion, which helps insulation work better, allowing the HVAC system to work more efficiently. It's a house wrap engineered to keep homes cool in the summer, warm in the winter, and dry all year round.

### Available Sizes

Tyvek® HomeWrap™ is available in 9- and 10-foot width rolls for use behind a variety of claddings. This width minimizes seams and offers the potential for reduction in labor costs, compared to narrower rolls.

### Air and Water Barrier Performance

The unique nonwoven structure of Tyvek® HomeWrap™ makes it breathable, allowing moisture vapor to pass through. This helps promote drying in wall systems, to help prevent mold and water damage. In addition, Tyvek® HomeWrap™ stops air movement through the walls, helping insulation perform closer to its full R-value, to provide a more energy-efficient home.

### Ease of Installation

Tyvek® HomeWrap™ is easy to install. It is pliable, so it wraps around corners with ease. It is also light weight, easier to handle, and faster to install than the average house wrap. In addition, because it's flexible, Tyvek® HomeWrap™ easily interfaces at joints, and over architectural elements.

### High Performance Durability

DuPont™ Tyvek® HomeWrap™ is a uniquely engineered product made by spinning extremely fine high-density polyethylene (HDPE) fibers that are fused together to form a strong, uniform web. The tough structure of Tyvek® is engineered to create millions of extremely small pores that resist bulk water and air penetration, while allowing moisture vapor to pass through. Tyvek® HomeWrap™ can also withstand up to four months (120 days) of UV exposure.

### Complete System

Tyvek® HomeWrap™ can be integrated with DuPont self-adhered flashing products and Tyvek® Fluid Applied products to offer seamless protection for wall systems that require mechanically fastened and fluid applied air and water barriers.

### Sustainable Solutions

Tyvek® HomeWrap™ may contribute toward LEED® points in the areas of Energy and Atmosphere (EA): Optimizing the Building Envelope and Indoor Environmental Air Quality (EQ): Construction IAQ Management Plan and Low Emitting Materials. In addition, the use of a continuous air barrier is a prerequisite for LEED® applications requiring compliance with ASHRAE 90.1-2010.

By helping to effectively seal the building envelope, Tyvek® HomeWrap™ helps to reduce the amount of energy required for heating and cooling.

## PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact your local DuPont™ Tyvek® Specialist before writing specifications around this product. Product properties are as follows:

Test Method	Property	Typical Value	Units
ASTM E2178 Gurley Hill (TAPPI T-460) ASTM E1677	Air Penetration Resistance	< .004 1200 Type 1	cfm/ft <sup>2</sup> @1.57 psf sec/100cc -
ASTM E96-05	Water Vapor Transmission	Method A 400 56	g/m <sup>2</sup> -24 hrs perms
ASTM E96-05	Water Vapor Transmission	Method B 370 54	g/m <sup>2</sup> -24 hrs perms
ATTCC 127	Water Penetration Resistance	250	cm
TAPPI T-410	Basis Weight	1.8	oz/yd <sup>2</sup>
ASTM D882	Breaking Strength	30/30	lbs/in
ASTM D1117	Tear Resistance (Trapezoid)	8/6	lbs
ASTM E84 Flame Spread Index Smoke Developed Index	Surface Burning Characteristics	15 15	Class A Class A

Test results shown represent roll averages. Individual results may vary either above or below averages due to normal manufacturing variations, while continuing to meet product specifications.



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# DuPont™ Tyvek® StuccoWrap®

Grooved Housewrap Engineered for Stucco Facades and EIFS Systems



## FEATURES/BENEFITS

### Description

DuPont™ Tyvek® StuccoWrap® is a weather-resistant barrier with an engineered, grooved surface designed to be installed as a drainage plane behind stucco facades and EIFS systems. With a specially engineered surface texture designed for traditional and synthetic stucco systems in both commercial and residential construction, Tyvek® StuccoWrap® helps reduce cracking, improve stucco curing and channel moisture out of the wall.

Tyvek® StuccoWrap® can be used as the primary weather barrier for traditional stucco and direct-applied stone masonry applications (including brick) requiring two-layer weather resistive barrier systems or an intervening layer over the primary weather resistive barrier. It is also acceptable for use behind traditional lapped cedar and cement siding applications up to four stories. Tyvek® StuccoWrap® boasts a long track record of proven performance and meets all major building codes by ICC-ES evaluation reports.

Tyvek® StuccoWrap® does not absorb water, helps maintain the moisture level needed for better curing and doesn't expand and contract, resulting in a stronger stucco. Instead, Tyvek® StuccoWrap® provides superior water drainage, combats moisture accumulation and helps prevent air infiltration and exfiltration – helping to protect the installed R-value of insulation for more comfortable, energy efficient homes and buildings.

### Ease of Use

Tyvek® StuccoWrap® is lightweight, easy to handle and quick to install. It is pliable – wrapping around corners with ease – and easily interfaces at joints and over architectural elements. Some other features and benefits include:

- 30% more flexural strength than stucco cured on 60-minute building paper
- Good tear strength – 3X stronger than paper
- High water resistance – retains durability when wet and channels water to the outside
- Non-absorptive – does not absorb water out of curing stucco
- High vapor permeability promotes drying
- Outstanding air infiltration protection
- Sturdy, but easy to repair accidental damage with tape
- Not a food source for mold and mildew
- Withstands up to four (4) months (120 days) of UV exposure

### Available Sizes

Tyvek® StuccoWrap® is available in 5' x 200' rolls.

## High Performance Durability

DuPont™ Tyvek® StuccoWrap® ensures that the unique water management needs of stucco facades are covered without compromising building envelope performance. Tyvek® StuccoWrap® is highly inert, meaning stucco will not chemically react with or degrade it. Research has shown that when stucco is directly applied, Tyvek® StuccoWrap® is better than Grade D paper at managing hydration and remaining stable during curing<sup>1</sup>. These two features result in a significant reduction of cracking in the scratch coat, leading to better stucco integrity and a reduced chance for water to penetrate the facade.

<sup>1</sup> Development of a Textured Spun-bonded Polyolefin Water Barrier for Stucco and EIFS™ presented at an Innovative Products Symposium at the ASHRAE Winter Meeting, Atlanta, GA, January 2001.

## Sustainable Solutions

The use of a weather barrier as part of an assembly to reduce air infiltration may assist in achieving points for USGBC LEED® Certified Projects or an ENERGY STAR® label for new homes or home improvements.

## Complete System

Tyvek® StuccoWrap® along with DuPont™ Flashing Systems and other DuPont Weatherization Products provide integrated air and water and management solutions that help meet or exceed building and energy code requirements without sacrificing building durability.

## PROPERTIES

Tyvek® StuccoWrap® exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-488-9835 when additional guidance is required for writing specifications that include this product.

**TABLE 1: Physical Properties for Tyvek® StuccoWrap®**

Test Method	Property	Typical Value	Units
ASTM E2178	Air Penetration Resistance	0.004	cfm/ft <sup>2</sup> @1.57 psf
Gurley Hill (TAPPI T-460)	Air Penetration Resistance	>300	sec/100cc
ASTM E1677	Air Penetration Resistance	Type 1	-
ICC-ES AC 24 Section 6.11	Drainage	Pass	-
ASTM E2273	Drainage	> 98	%
ICC-ES AC 235 Section 4.5	Drainage	Pass	-
ASTM E96-00 Method A	Water Vapor Transmission	250 36	g/m <sup>2</sup> -24 hrs perms
ASTM E96-00 Method B	Water Vapor Transmission	350 50	g/m <sup>2</sup> -24 hrs perms
AATCC 127	Water Penetration Resistance	210	cm
TAPPI T-410	Basis Weight	2.1	
ASTM D882	Breaking Strength	30/30	
ASTM D1117	Tear Resistance (Trapezoid)	7/9	
ASTM E84	Surface Burning Characteristics	5 Class A	Flame Spread Index
ASTM E84	Surface Burning Characteristics	25 Class A	Smoke Developed Index
-	Ultra Violet Light Exposure (UV)	120 (4)	days (months)

Note: These values represent roll averages. Individual roll results may differ due to normal manufacturing variations.



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43-D100134-enNA-1119 CDP

# DuPont™ Tyvek® DrainWrap™

Grooved Air and Water Barrier Engineered to Enhance Drainage



## FEATURES/BENEFITS

### Description

DuPont™ Tyvek® DrainWrap™ offers excellent drainage and durability for homes. Vertical grooves on the surface of Tyvek® DrainWrap™ make it a superior moisture barrier, engineered to channel bulk water away from wall systems and drain safely to the outside.

Combined with the superior air and water resistance, vapor permeability and strength of the Tyvek® brand, Tyvek® DrainWrap™ provides enhanced drainage behind claddings such as primed wood (all six sides), fiber cement siding, and foam board applied over flat substrates.

### Air and Water Barrier Performance

- Tyvek® DrainWrap™ helps hold out bulk water, while allowing water vapor to pass through it, promoting drying in the wall system, which can help prevent mold and water damage.
- The unique non-woven fiber structure of Tyvek® DrainWrap™ also helps prevent air movement through the walls, contributing to a more energy efficient home.
- Tyvek® DrainWrap™ is Air Barrier Association of America evaluated to exceed ABAA, ASHRAE 90.1 and IECC air leakage requirements when tested in accordance with ASTM E2357.

- Offers > 98% drainage efficiency when tested in accordance with ASTM E2273.
- Withstands up to nine months (270 days) of UV exposure.

### Ease of Installation

Tyvek® DrainWrap™ is easy to install. It is pliable, so it wraps around corners with ease. It is also light weight, easier to handle, and faster to install than the average house wrap. In addition, because it's flexible, Tyvek® DrainWrap™ easily interfaces at joints, and over architectural elements.

### Available Sizes

Tyvek® DrainWrap™ is available in 9- and 10-foot width rolls for use behind a variety of claddings. This width minimizes seams and offers the potential for reduction in labor costs, compared to narrower rolls.

### High Performance Durability

Compared to other textured moisture barriers, Tyvek® DrainWrap™ provides superior performance in tests where bulk water was applied between a flat acrylic panel and the moisture barrier. When compared to Grade D building paper and #15 felt, Tyvek® DrainWrap™ provides superior sustained performance.

## Sustainable Solutions

DuPont™ Tyvek® DrainWrap™ may contribute toward LEED® points in the areas of Energy and Atmosphere (EA): Optimizing the Building Envelope and Indoor Environmental Air Quality (EQ): Construction IAQ Management Plan and Low Emitting Materials. In addition, the use of a continuous air barrier is a prerequisite for LEED® applications requiring compliance with ASHRAE 90.1-2010.

By helping to effectively seal the building envelope, Tyvek® DrainWrap™ helps to reduce the amount of energy required for heating and cooling.

## Complete System

Tyvek® DrainWrap™ can be integrated with DuPont self-adhered flashing products and Tyvek® Fluid Applied products to offer seamless protection for wall systems that require mechanically fastened and fluid applied air and water barriers.

## PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact your local DuPont™ Tyvek® Specialist before writing specifications around this product. Product properties are as follows:

Test Method	Property	Typical Value	Units
ASTM E2178 Gurley Hill (TAPPI T-460) ASTM E1677	Air Penetration Resistance	.004 >300 Type 1	cfm/ft <sup>2</sup> @1.57 psf sec/100cc -
ICC-ES AC 24 Section 6.11 ASTM E2273 ICC-ES AC 235 Section 4.5	Drainage	Pass >98 Pass	- % -
ASTM E96-00	Water Vapor Transmission	Method A 250 36	g/m <sup>2</sup> -24 hrs perms
ASTM E96-00	Water Vapor Transmission	Method B 350 50	g/m <sup>2</sup> -24 hrs perms
ATTCC 127	Water Penetration Resistance	210	cm
TAPPI T-410	Basis Weight	2.1	oz/yd <sup>2</sup>
ASTM D882	Breaking Strength	30/30	lbs/in
ASTM D1117	Tear Resistance (Trapezoid)	7/9	lbs
ASTM E84 Flame Spread Index Smoke Developed Index	Surface Burning Characteristics	5 25	Class A Class A
	Ultra Violet Light Exposure (UV)	120 (4)	days (months)

Test results shown represent roll averages. Individual results may vary either above or below averages due to normal manufacturing variations, while continuing to meet product specifications.



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# DuPont™ Tyvek® ThermaWrap® LE

Breathable, Low-Emissivity Weather Barrier for Enhanced Energy Efficiency



## FEATURES/BENEFITS

### Description

DuPont™ Tyvek® ThermaWrap® LE is a non-woven, non-perforated, spun-bonded polyethylene sheet air and moisture barrier made with a metallized, low-emission (low-e) surface that reflects solar radiation away from the building.

In cold weather, this helps prevent radiant heat loss from within the structure. In warmer weather, Tyvek® ThermaWrap® LE turns the tables, reflecting warm air out and away from the structure, to help improve air-conditioning efficiency. In all seasons, that can help make both residential homes and commercial buildings more comfortable, more energy efficient, and less costly to operate.

Like all Tyvek® air and water barriers, Tyvek® ThermaWrap® LE helps prevent water accumulation inside the wall system by allowing moisture vapor to escape to the outside. In turn, this helps reduce the risk of mold and wood rot, which is important in all climates. With its combination of air and water holdout, vapor permeability, and a low-e surface, Tyvek® ThermaWrap® LE provides the best of both worlds for managing energy efficiency.

### Ease of Installation

Tyvek® ThermaWrap® LE is easy to install. It is pliable, so it wraps around corners with ease. It is also light weight, easier to handle, and faster to install than the average house wrap. In addition, because of its flexibility, Tyvek® ThermaWrap® LE easily interfaces at joints and over architectural elements.

### Air and Water Barrier Performance

As the only high-perm reflective membrane available today, Tyvek® ThermaWrap® LE provides many layers of thermal and moisture protection to a home:

1. manages radiant heat flow by reflecting solar radiation away from the house, and by reducing the emissivity of the exterior surface to help prevent radiant heat loss
2. breathes to help indoor water vapor diffuse out of wall systems
3. provides an effective air barrier to help reduce infiltration and exfiltration
4. provides a barrier to bulk water that helps keep the wall dry at all times

Nearly two-thirds of the total heat lost or gained through the building envelope occurs through radiant heat flow. Tyvek® ThermaWrap® LE addresses this by helping to dramatically improve the effective R-value of the wall system, making it an excellent vapor-permeable air and water barrier.

### Available Sizes

Tyvek® ThermaWrap® LE is available in two different roll sizes:

- 5' x 150' (750 sq.ft.)
- 9' x 100' (900 sq.ft.)

## Sustainable Solutions

- By helping to effectively seal the building envelope, DuPont™ Tyvek® ThermaWrap® LE offers the optimal balance of water and air hold-out with vapor permeability, which helps contribute to more sustainable homes and commercial structures by reducing the amount of energy required for heating and cooling.
- Tyvek® ThermaWrap® LE may contribute toward LEED® points in the areas of Energy and Atmosphere (EA): Optimizing the Building Envelope and Indoor Environmental Air Quality (EQ): Construction IAQ Management Plan and Low Emitting Materials. In addition, the use of a continuous air barrier is a prerequisite for LEED® applications requiring compliance with ASHRAE 90.1-2010.

## High Performance Durability

- Originally designed to improve thermal performance of wall systems in some of the coldest climates of northern Europe, Tyvek® ThermaWrap® LE is also highly effective at reducing heat gain when the weather turns hot.
- The high-perm, reflective membrane regulates radiant energy for increased comfort and reduced energy costs by using a metallized face to reflect heat away from wall surfaces and provides the best possible control of condensation in a wall, helping to minimize the risk of mold, mildew and wood rot.
- Tyvek® ThermaWrap® LE withstands up to four months of UV exposure.

## Complete System

Tyvek® ThermaWrap® LE can be integrated with DuPont self-adhered flashing products and Tyvek® Fluid Applied products to offer seamless protection for wall systems that require mechanically fastened and fluid applied air and water barriers.

## PROPERTIES

Tyvek® ThermaWrap® LE exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-488-9835 when additional guidance is required for writing specifications that include this product.

**TABLE 1: Physical Properties for Tyvek® ThermaWrap® LE\***

Test Method	Property	Typical Value	Units
ASHRAE Tables <sup>1</sup> (emittance measured with ASTM C1371)	Effective R-value (including 3/4" air space)	R-2	-
ASTM E2178	Air Penetration Resistance	.002	cfm/ft <sup>2</sup> @1.57 psf
Gurley Hill (TAPPI T-460)	Air Penetration Resistance	900	sec/100cc
ASTM E96-00 Method B	Water Vapor Transmission	475 68	g/m <sup>2</sup> -24 hrs perms
ATCC 127	Water Penetration Resistance	210	cm
TAPPI T-410	Basis Weight	2.5	oz/yd <sup>2</sup>
ASTM D882	Breaking Strength	29/27	lbs/in
ASTM D1117	Tear Resistance (Trapezoid)	12/7	lbs
ASTM E84	Surface Burning Characteristics	10 Class A	Flame Spread Index
AATCC 127	Surface Burning Characteristics	40 Class A	Smoke Developed Index
-	Ultra Violet Light Exposure (UV)	120 (4)	days (months)

Test results shown represent roll averages. Individual results may vary either above or below averages due to normal manufacturing variations, while continuing to meet product specifications.

<sup>1</sup> 2001 ASHRAE Handbook of Fundamentals, Chapter 25 - Table 3

\* Formerly called DuPont™ Tyvek® ThermaWrap® and now known as DuPont™ Tyvek® ThermaWrap® LE. This rebranding is intended to place emphasis on the low emissivity benefits that Tyvek® ThermaWrap® LE has to offer. The physical properties of the product have not changed.

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# DuPont™ Tyvek® CommercialWrap®

High Performance Weather Barrier Engineered to Stand Up to the Commercial Job Site



## FEATURES/BENEFITS

### Description

Engineered to provide excellent performance as an air and water barrier, DuPont™ Tyvek® CommercialWrap® delivers the added strength and durability needed in commercial construction. It provides the best balance of air and moisture management resulting in more durable and energy efficient structures.

Tyvek® CommercialWrap® is made from 100% flash spunbonded high density polyethylene fibers which have been bonded together by heat and pressure, without binders or fillers, into a tough durable sheet structure. Additives have been incorporated into the polyethylene to provide ultraviolet light resistance.

### Air and Water Barrier Performance

- Offers the ideal combination of air and water holdout plus vapor permeability.
- Air Barrier Association of America evaluated to exceed ABAA, ASHRAE 90.1 and IECC air leakage requirements when tested in accordance with ASTM E2357.
- Offers high tear-resistance and high wind-load-resistance to help stand up to commercial construction site conditions.
- Withstands up to nine months of UV exposure.

### Available Sizes

Tyvek® CommercialWrap® is available in the following roll sizes:

- 5' x 200' (1.5 x 61 m)
- 10' x 125' (3.1 x 38.1 m)

### Sustainable Solutions

Tyvek® CommercialWrap® may contribute toward LEED® points in the areas of Energy and Atmosphere (EA): Optimizing the Building Envelope and Indoor Environmental Air Quality (EQ): Construction IAQ Management Plan and Low Emitting Materials. In addition, the use of a continuous air barrier is a prerequisite for LEED® applications requiring compliance with ASHRAE 90.1-2010.

By helping to effectively seal the building envelope, Tyvek® CommercialWrap® helps to reduce the amount of energy required for heating and cooling.

### Complete System

Tyvek® CommercialWrap® can be integrated with DuPont self-adhered flashing products and Tyvek® Fluid Applied products to offer seamless protection for wall systems that require mechanically fastened and fluid applied air and water barriers.

## PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact your local DuPont™ Tyvek® Specialist before writing specifications around this product. Product properties are as follows:

Test Method	Property	Typical Value	Units
ASTM E2357	Air Penetration Resistance	<0.01	cfm/ft <sup>2</sup> @ 1.57 psf
Gurley Hill (TAPPI T-460)	Air Penetration Resistance	>1500	sec/100cc
ASTM E1677	Air Penetration Resistance	Type 1	cfm/ft <sup>2</sup> @ 1.57 psf
ASTM E2178	Air Penetration Resistance	.001	cfm/ft <sup>2</sup> @ 1.57 psf
ASTM E283	Wall Assembly Air Penetration Resistance	<0.01	cfm/ft <sup>2</sup> @ 1.57 psf
ASTM E96-00	Water Vapor Transmission	163	Method A g/m <sup>2</sup> -24 hrs
ASTM E96-00	Water Vapor Transmission	23	Method A (perms)
ASTM E96-00	Water Vapor Transmission	200	Method B g/m <sup>2</sup> -24 hrs
ASTM E96-00	Water Vapor Transmission	28	Method B (perms)
AATCC 127	Water Penetration Resistance	280	cm
ASTM E331	Wall Assembly Water Penetration Resistance	No leakage	Tested to 15 psf
TAPPI T-410	Basis Weight	2.7	oz/yd <sup>2</sup>
ASTM D882	Breaking Strength	38/35	lbs/in
ASTM D1117	Tear Resistance	12/10	lbs
ASTM E84	Surface Burning Characteristics	15 Class A	Flame Spread Index Class
ASTM E84	Surface Burning Characteristics	25 Class A	Smoke Developed Index Class
NFPA 285	Flame Propagation/Multiple Assemblies	-	Pass
-	Ultra Violet Light Exposure (UV)	270 9	Days Months

Test results shown represent roll averages. Individual results may vary either above or below averages due to normal manufacturing variations, while continuing to meet product specifications.



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43-D100052-enNA-1119 CDP

# DuPont™ Tyvek® CommercialWrap® D

Durable Air and Water Barrier Engineered to Improve Drainage and Stand Up to the Commercial Job Site



## FEATURES/BENEFITS

### Description

DuPont™ Tyvek® CommercialWrap® D offers superior drainage and durability for commercial buildings. It features a specially engineered surface texture that provides enhanced water drainage under a wide variety of facades in climates that may require additional drainage.

Tyvek® CommercialWrap® D is made from 100% flash spunbonded high-density polyethylene fibers which have been bonded together by heat and pressure, without binders or fillers, into a tough durable sheet structure. Additives have been incorporated into the polyethylene to provide ultraviolet light resistance.

### Air and Water Barrier Performance

- Offers the ideal combination of enhanced drainage, air and water holdout plus vapor permeability.
- Air Barrier Association of America evaluated to exceed ABAA, ASHRAE 90.1 and IECC air leakage requirements when tested in accordance with ASTM E2357.
- Offers > 98% drainage efficiency when tested in accordance with ASTM E2273.
- Offers high tear-resistance and high wind-load-resistance to help stand up to commercial construction site conditions.
- Withstands up to nine months of UV exposure.

### Available Sizes

Tyvek® CommercialWrap® D is available in the following roll sizes:

- 5' x 200' (1.5 x 61m)
- 10' x 125' (3.1 x 38.1 m)

### Sustainable Solutions

Tyvek® CommercialWrap® D may contribute toward LEED® points in the areas of Energy and Atmosphere (EA): Optimizing the Building Envelope and Indoor Environmental Air Quality (EQ): Construction IAQ Management Plan and Low Emitting Materials. In addition, the use of a continuous air barrier is a prerequisite for LEED® applications requiring compliance with ASHRAE 90.1-2010.

By helping to effectively seal the building envelope, Tyvek® CommercialWrap® D helps to reduce the amount of energy required for heating and cooling.

### Complete System

Tyvek® CommercialWrap® D can be integrated with DuPont self-adhered flashing products and Tyvek® Fluid Applied products to offer seamless protection for wall systems that require mechanically fastened and fluid applied air and water barriers.

## PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact your local DuPont™ Tyvek® Specialist before writing specifications around this product. Product properties are as follows:

Test Method	Property	Typical Value	Units
ASTM E2357	Air Penetration Resistance	<0.04	cfm/ft <sup>2</sup> @ 1.57 psf
Gurley Hill (TAPPI T-460)	Air Penetration Resistance	>750	sec/100cc
ASTM E1677	Air Penetration Resistance	Type 1	cfm/ft <sup>2</sup> @ 1.57 psf
ASTM E2178	Air Penetration Resistance	.001	cfm/ft <sup>2</sup> @ 1.57 psf
ASTM E283	Wall Assembly Air Penetration Resistance	<0.04	cfm/ft <sup>2</sup> @ 1.57 psf
ASTM E96-05	Water Vapor Transmission	212	Method B g/m <sup>2</sup> -24 hrs
E96-05	Water Vapor Transmission	30	Method B (perms)
AATCC 127	Water Penetration Resistance	235	cm
ASTM E331	Wall Assembly Water Penetration Resistance	No leakage	Tested to 15 psf
ASTM E2273	Drainage Efficiency	>98	%
TAPPI T-410	Basis Weight	2.4	oz/yd <sup>2</sup>
ASTM D882	Breaking Strength	33/41	lbs/in
ASTM D1117	Tear Resistance	6/9	lbs
ASTM E84	Surface Burning Characteristics	15 Class A	Flame Spread Index Class
ASTM E84	Surface Burning Characteristics	25 Class A	Smoke Developed Index Class
NFPA 285	Flame Propagation/Multiple Assemblies	-	Pass
-	Ultra Violet Light Exposure (UV)	270 9	Days Months

Test results shown represent roll averages. Individual results may vary either above or below averages due to normal manufacturing variations, while continuing to meet product specifications.



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# DuPont™ Tyvek® Fluid Applied WB+™

Fluid Applied Weather Barrier for Commercial Wall Substrates Including CMU and Gypsum Sheathing



## FEATURES

### Description

DuPont™ Tyvek® Fluid Applied WB+™ is a fluid applied air barrier protection engineered for the unique demands of heavy commercial construction projects. Based on a unique formulation using silyl-terminated polyether polymer technology, Tyvek® Fluid Applied WB+™ offers low shrinkage during curing, superior elongation and recovery and can be easily applied in one coat.

### Air and Water Barrier Performance

- Offers an ideal combination of air and water holdout with vapor permeability.
- Air Barrier Association of America evaluated to exceed ABAA, ASHRAE 90.1 and IECC air leakage requirements when tested in accordance with ASTM E2357.

### Ease of Installation

- Single component, one-coat application.
- Offers 2 to 3 times the coverage of competitive products. Approximately 50 to 65 sq. ft./gallon in one coat, depending on substrate conditions (temperature and moisture), substrate porosity, and uniformity of application.
- Spray or pressure roll for fast and easy application.
- Installation temperature range 25°F ambient (-4°C) to a maximum surface temperature 140°F (60°C). Do not install once ambient temperature exceeds 95°F (35°C), unless surface is shaded. Max in-service temperature 180°F (82°C).
- Exhibits low shrinkage during curing, helping to minimize the risk of cracking and pin-holing.

### High Performance Durability

- This formulation of Tyvek® Fluid Applied is not water soluble and will not wash off the wall when exposed to bulk water, even before curing. DuPont™ Tyvek® Fluid Applied WB+™ can be installed on damp surfaces which is defined as when no moisture is transferred to the skin when the substrate is touched.
- The cured membrane exhibits exceptional elongation and recovery properties. When stretched it acts like a rubber band allowing the membrane to move with the building.
- Approved for up to 9 months of UV exposure.

### Sustainable Solutions

- DuPont™ Tyvek® Fluid Applied products may contribute toward LEED® points in the areas of Energy and Atmosphere (EA): Optimizing the Building Envelope and Indoor Environmental Air Quality (EQ): Construction IAQ Management Plan and Low

Emitting Materials: Product-Specific EPD (Environmental Product Declaration) Validation. In addition, the use of a continuous air barrier is a prerequisite for LEED applications requiring compliance with ASHRAE 90.1-2010.

- By helping to effectively seal the building envelope and reducing air leakage, the DuPont™ Tyvek® Fluid Applied system helps reduce the amount of energy required for heating and cooling.
- Low VOC (25–30 g/l).

### Complete System

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

## PROPERTIES

Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing specifications that include this product.

Test Method	Property	Typical Value	Units
ASTM D2369	Solids	99	%
ASTM C679	Skin Over Time @50% R.H. and 70° F	1 to 2	Hrs
ASTM E2178	Air Penetration Resistance	0.0002	cfm/ft² @ 75 Pa (1.57 psf)
Gurley Hill (Tappi T-460)	Air Penetration Resistance	>10,000	sec / 100 cc
ASTM E2357	Wall Assembly Air Penetration Resistance	<0.0002	cfm/ft² @ 75 Pa
ASTM E283	Wall Assembly Air Penetration Resistance	<0.0002	cfm/ft² @ 75 Pa
ASTM E1677	Wall Assembly Air & Water Leakage	Type I	Type
AATCC 127	Water Penetration Resistance	>1000	cm
ASTM E331	Wall Assembly Water Penetration Resistance	No Leakage	Tested to 15 psf
ASTM E96-00	Water Vapor Transmission	22 @ 25 mils Thick	Method B Perms
ASTM C1305	Low Temperature Crack Bridging	PASS	No Cracking at 25 mil Thickness
ASTM D7234	Adhesion Strength - Concrete	>33	psi
ASTM D4541	Adhesion Strength - Exterior Gypsum (delaminates fiber glass top sheet)	>25	psi
ASTM D903	Peel Strength	13 Cohesive Failure	lbf/in (aluminum)
ASTM C794	Adhesion - in - Peel	PASS	lbf/in (mortar)
ASTM D412	Tensile	140	psi
ASTM D412	Elongation at Break	320	%
ASTM D412	Recovery (held at 300% elongation)	99	%
ASTM D2240	Hardness	34	Shore A
Accelerated Weathering (ASTM G-155)	Ultraviolet Light Exposure (UV)	9	Months
ASTM D1970	Nail Sealability	PASS	No Leakage
NFPA 285	Flame Propagation. Multiple Assemblies	PASS	
		Class A	Class
ASTM E84	Surface Burning Characteristics	15	Flame Spread Index
		10	Smoke Developed Index
ASTM C1250	VOC	<2 25-30	% (by wt) g/L
AC 212	Acceptance Criteria for Water Resistive Barriers over Exterior Sheathing	Pass	

Test results shown represent averages. Individual results may vary either above or below averages due to normal manufacturing variations, while continuing to meet product specifications.



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## INSTALLATION

Please refer to DuPont™ Tyvek® Fluid Applied WB+™ Wall and Substrate Guidelines and DuPont Tyvek Fluid Applied Flashing Installation Guidelines.

### Use Conditions

- Tyvek® Fluid Applied WB+™ is intended to be installed as part of membrane drainage wall system. Do not install on a wall that does not feature a continuous path for moisture drainage (as defined below\*).
- Stirring is not necessary. If separation should occur, gently fold material until mixture is uniform. Avoid any type of mixing that will introduce air into the product.
- The temperature of the Tyvek® Fluid Applied WB+™ at the spray tip of standard spray equipment should be 65°F (18°C) or higher. Avoid spraying in very dusty conditions.
- Tyvek® Fluid Applied WB+™ should be covered with the façade within the 9-month approved UV exposure limit. Follow façade manufacturer's installation and maintenance requirements in order to maintain water holdout. Depending on job site conditions, stains may appear, but will not alter the performance of the product.
- For more information, refer to the DuPont™ Tyvek® Commercial Solutions Technical Bulletin Additional Considerations When Spraying DuPont™ Tyvek® Fluid Applied WB+™. See DuPont™ Tyvek® Fluid Applied WB+™ Wall and Substrate Guidelines as well for detailed application instructions.

\*A "Continuous Path for Moisture Drainage to the Exterior" consists of a designed path for continuous moisture drainage which must allow moisture to drain freely and without interruption along the drainage plane. Examples of obstructions that can interrupt drainage are: eyebrows, band boards, building returns, etc. The intent is to ensure that any moisture that penetrates the exterior cladding and reaches DuPont™ Tyvek® Fluid Applied WB+™ can drain and exit the building envelope. The wall system should be designed to prevent moisture accumulation (trapping moisture) within the assembly. Materials should be installed in shingle fashion to provide positive drainage; with sealed penetrations, kick-out or diverter flashing at windows, doors, and any vertical to horizontal changes of the building plane. Proper shingling and integration with kick-out or diverter flashings and/or through wall membranes is essential to moisture management.

### Preparation

- Surface must be clean, free from frost, grease, dirt, or other contaminants and must be reasonably smooth. Remove all surface dust, dirt, fins, ridges, mortar, and other projections and fill honeycomb, aggregate pockets, holes, recessed mortar joints and other voids in concrete with substrate-patching material.

- Mortar joints in concrete block and voids in poured concrete should be filled flush and smooth and allowed to cure for a minimum of 48 hours.
- Product can be installed on damp surfaces provided no moisture is transferred to the skin when the substrate is touched. This flexibility reduces substrate preparation and protection requirements.

### Application

- Complete all joint treatment and flashing prior to any spraying or rolling of Tyvek® Fluid Applied WB+™.
- Tyvek® Fluid Applied WB+™ can be applied in a single application at 25 mils thick; spot check with a wet mil gauge. Inspect surface for voids and pinholes and repair as necessary.
- Refer to the Wall and Substrate Guidelines for complete information.

### Curing

- Tyvek® Fluid Applied WB+™ skins over and is tack free or dry to touch within 2 hours at 70°F and 50% relative humidity. Tack free time and complete cure can vary with temperature, humidity and substrate conditions.
- Uncured DuPont™ Tyvek® Fluid Applied products should not come in contact with DuPont™ Tyvek® Wrap products.
- Performance testing should be done after product is fully cured (~14 days). See curing table in *DuPont™ Tyvek® Fluid Applied WB+™ Wall and Substrate Guidelines (K29398)* for details.

### Equipment

Tyvek® Fluid Applied WB+™ may be sprayed using a high-pressure, airless sprayer or applied using a pressure roller in conjunction with a variety of pumps. See *DuPont™ Tyvek® Fluid Applied WB+™ Wall and Substrate Guidelines (K29398)*, for pump, equipment and tip configurations. All manufacturer limitations should be followed.

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## TESTING

### Moisture Protection – Weather-Resistant Barriers

The 2012/2015 International Building Code (IBC, Section 1403.2 Weather Protection) requires that exterior walls shall provide the building with a weather-resistant exterior wall envelope. This shall include flashing as described in Section 1405.4. Tyvek® Fluid Applied System products have been tested and meet weather-resistant barrier codes and standards requirements. The following test methodologies were used:

- ASTM E96-00, Standard Test Methods for Water Vapor Transmission of Materials; Water resistive barriers are typically vapor permeable, which is generally desirable because it allows for drying of incidental moisture intrusion into the wall assembly
- AATCC 127, Hydrostatic Head Test for WRB Materials, measuring pressure to failure or time of failure at a given pressure
- ASTM E331, Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, And Curtain Walls by Uniform Static Pressure.

## Clean Up and Purge

- Use appropriate personal protective equipment during clean-up (see Personal Protective Equipment section).
- Uncured Tyvek® Fluid Applied products can be cleaned from hands, tools, and equipment by using a citrus based cleaner or mineral spirits.
- Cured Tyvek® Fluid Applied products can be removed by soaking in citrus based cleaners or using a gel-based paint stripper.
- Clean sprayer components and tools with 100% mineral spirits, naphtha, citrus-based cleaners, or gel-based paint stripper.
- Spray tips can be cleaned in 100% mineral spirits or naphtha using airbrush cleaning tools.
- Material should not be left in the pump, hose, gun, or roller. After applying, flush system with a citrus-based cleaner, or 100% mineral spirits until the system is clean. Avoid using water for cleanup.
- Low pressure portions of the system should be taken apart and cleaned by hand. Before the next usage, flush any remaining solvent out of the system before applying **DuPont™ Tyvek® Fluid Applied WB+™** to the wall substrate.
- Be sure that system is fully clean of any residual Tyvek® Fluid Applied product before introducing a different product. If system is not fully clean, ingredients can react and cause products to cure in the system.

## Shelf Life and Storage

- The shelf life is 12 months for an unopened container from the date of manufacture. Reference the “Use By” date printed on the container.
- Store opened containers with a plastic protective liner to slow cure rate. Before reusing a previously opened container, first remove any cured material that may have formed (skinned over) at the top.
- DuPont™ Tyvek® Fluid Applied products should be stored in a clean, dry environment, 50°- 80°F (10° - 27°C). If stored at temperatures below 65°F (18°C), the product must be warmed to a minimum of 65°F (18°C) using standard industry methods prior to spraying for proper atomization at the spray tip.
- Continuous storage at high temperatures will reduce the shelf life of DuPont™ Tyvek® Fluid Applied products.
- Tyvek® Fluid Applied products temporarily stored outside should be stored under cover.

## Disposal

Dispose of any residual Tyvek® Fluid Applied product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.

## Supplemental Information

Avoid spraying Tyvek® Fluid Applied WB+™ in very windy conditions. Installing professional should consider if structure should be tented to protect the surrounding area from overspray. Avoid spraying in very dusty conditions.



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# DuPont™ Tyvek™ Fluid Applied Flashing & Joint Compound+

Vapor-Permeable Flashing & Joint Compound for Commercial Wall Substrates



## FEATURES/BENEFITS

### Description

DuPont™ Tyvek® Fluid Applied Flashing & Joint Compound+ is a full-bodied, trowel-applied, vapor-permeable elastomeric flashing material. It combines the functions of both flashing and joint compound into a single unique product that is an integral part of the DuPont™ Tyvek® Fluid Applied System.

Some applications for Tyvek® Fluid Applied Flashing & Joint Compound+ include:

- Flash rough openings for windows and doors
- Fill seams, cracks, and holes in substrate
- Seal around penetrations
- Treat joints and transitions between building components

Tyvek® Fluid Applied Flashing & Joint Compound+ offers an ideal combination of air and water holdout along with vapor permeability. It is Air Barrier Association of America evaluated to exceed ABAA, ASHRAE 90.1 and IECC air leakage requirements when tested in accordance with ASTM E2357.

### Available Sizes

Tyvek® Fluid Applied Flashing & Joint Compound+ is available in 10.3 oz. or 28 oz. disposable cartridges as well as 3.5 gallon pails.

### Ease of Use

Tyvek® Fluid Applied Flashing & Joint Compound+ is easy to handle and apply:

- Single component – requires just one application
- Reduces material waste by combining the functions of two products – flashing and joint compound
- Excellent gunnability, with easy tooling even in temperatures as low as 25°
- Trowelable for fast and easy application
- Extremely low shrinkage during curing, minimizing the risk of cracking and pin-holing and reducing the amount of product needed
- Cured membrane exhibits exceptional elongation and recovery properties, allowing the membrane to move with the building like a rubber band
- Provides 2.5–3.5 lf/oz. of coverage depending on substrate conditions (temperature and moisture), substrate porosity and uniformity of application
- Withstands high wind loads and up to 9 months of UV exposure

## High Performance Durability

The formulation of DuPont™ Tyvek® Fluid Applied Flashing & Joint Compound+ is not water-soluble and will not lose physical properties or wash off the wall when exposed to liquid water, even before curing. Tyvek® Fluid Applied Flashing & Joint Compound+ can be installed on damp surfaces, which is defined as when no moisture is transferred to the skin when the substrate is touched.

## Complete System

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

## Sustainable Solutions

- Tyvek® Fluid Applied products may contribute toward LEED® points in the areas of Energy and Atmosphere (EA): Optimizing the Building Envelope and Indoor Environmental Air Quality (EQ): Construction IAQ Management Plan and Low Emitting Materials. In addition, the use of a continuous air barrier is a prerequisite for LEED® applications requiring compliance with ASHRAE 90.1-2010.
- By helping to effectively seal the building envelope and reducing air leakage, the Tyvek® Fluid Applied System helps reduce the amount of energy required for heating and cooling.
- Low VOC. < 2% (by wt.)

## PROPERTIES

Tyvek® Fluid Applied Flashing & Joint Compound+ exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing specifications that include this product.

**TABLE 1: Physical Properties for Tyvek® Fluid Applied Flashing & Joint Compound+**

Test Method	Property	Typical Value	Units
ASTM E2178	Air Penetration Resistance	(1.57 psf) 0.0002	cfm/ft <sup>2</sup> @ 75 Pa
Gurley Hill (TAPPI T-460)	Air Penetration Resistance	>10,000	sec/100 cc
ASTM E2357	Wall Assembly Air Penetration Resistance	<0.01	cfm/ft <sup>2</sup> @ 75 Pa
ASTM E283	Wall Assembly Air Penetration Resistance	<0.01	cfm/ft <sup>2</sup> @ 75 Pa
ASTM E1677	Wall Assembly Air & Water Leakage	Type	NA
AATCC 127	Water Penetration Resistance	>1000	cm
ASTM E331	Wall Assembly Water Penetration Resistance	No leakage	Tested to 15 psf
ASTM E96-00	Water Vapor Transmission	25 @ 25 mils	Method B perms
ASTM 1305	Low Temperature Crack Bridging	PASS	No cracking at 25 mil thickness
ASTM D4541	Adhesion Strength - Concrete	NA	psi
ASTM D4541	Adhesion Strength - Exterior Gypsum (delaminates fiberglass topsheet)	NA	psi
ASTM D903	Peel Strength	19 Cohesive; failure	lbf/in (aluminum)
ASTM C794	Adhesion-In-Peel	PASS	lbf/in (mortar)
ASTM D412	Tensile	245	psi
ASTM D412	Elongation at break	400	%
ASTM D412	Recovery (held at 300% elongation)	>99	%
ASTM D2240	Hardness	69	Shore A
Accelerated weathering (G155)	Ultraviolet Light Exposure (UV)	9	months
ASTM 1970	Nail Sealability	PASS	No leakage
NFPA 285	Flame Propagation. Multiple Assemblies	PASS	-
ASTM E84	Surface Burning Characteristics	Class Flame Spread Index Smoke Developed Index	NA NA NA
ASTM C1250	VOC	<2 25-30	% (by wt.) g/L

Note: Test results shown represent averages. Individual results may vary either above or below averages due to normal manufacturing variations, while continuing to meet product specifications.

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43-D100084-enNA-1119 CDP



# ProPink ComfortSeal™ Sill Gasket



## Product Features

### Description

ProPink ComfortSeal™ Sill Gasket is a polyethylene foam gasket which provides resilient sealing in new and retrofit construction.

### Basic Uses/Related Uses

Provides seal against air leakage, moisture and insect intrusion at the juncture of the foundation wall and sill plate. Used as expansion joint material in poured concrete and concrete block slab and wall construction.

### Selection Criteria

- Minimizes air leakage
- Sealing option as part of the FOAMULAR® CodeBord® Air Barrier System
- Moisture resistant
- Tacked in place with staple
- Long lasting and durable
- Maintain compression seal

### Sustainability Criteria

- GREENGUARD Certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit [ul.com/gg](http://ul.com/gg)



## Applicable Standards

<b>ASTM D3575</b>	Standard Test Methods for Flexible Cellular Materials Made From Olefin Polymers
<b>ASTM F-1249</b>	Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor
<b>ASTM C518</b>	Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus

## Performance Criteria

Property	Test Method	Value of Result
Compressive Strength	ASTM D3575-93	2.7
Vertical Direction (psi)	Suffix D @ 25% / 50%	10.4
Compression Set (%)	ASTM D3575-93 Suffix B	29.4
Tear Resistance (lb/ft <sup>3</sup> )	ASTM D3575-93	8.2
(@ Each Thickness)	Suffix T MD / CMD	11.5
Density Range (lb/ft <sup>3</sup> )	ASTM D3575-93	1.0-1.2
Water Absorption (lb/ft <sup>2</sup> )	ASTM D3575-93 Suffix L	< 0.1
Water Vapor Transmission Rate	ASTM F-1249	0.089
GM / 100 in <sup>2</sup> / 24 hr.	Method 3005 FED STD 101	0.089
Thermal Resistance R-Value @ initial thickness	ASTM C518-91	1 Layer
(HR-FT <sup>2</sup> -°F/BTU)		0.68
Surface Resistivity	EIA STD. 541	1.0 x 10 <sup>9</sup> -

\* The data presented for these products are for unconverted Ivex Protective Packaging polyethylene foam products. While values shown are typical of these products, they should not be construed as specification limits.

## Sizes

Material	Product Size	
Polyethylene Foam - Color: Pink	25 m (82') rolls	89 mm (3-1/2"), 140 mm (5-1/2") widths; 47.6 mm (3/16") thick

## Delivery and Storage

Deliver products in their original packages, and store in enclosed shelter.

## Limitations

Packaging is not UV resistant. Shelter unused packages from the elements.

Caution: ProPink ComfortSeal™ Sill Gasket is combustible and will ignite. The product may contain flammable vapors and should be stored in well ventilated areas. Do not expose the product to open flame during shipping, storage, installation or use.

## Safety

Refer to Safe Use Instruction Sheet (SUIS) found in the SDS Database via <http://sds.owenscorning.com>.

## Installation

1. Smooth top surface of foundation wall to have minimal variation
2. Unroll Sill Gasket on top surface of foundation wall or fasten to bottom of sill plate on tilt-up wall sections with ridged side toward roughest surface
3. Overlap all end and perpendicular joints
4. Pierce Sill Gasket at anchor bolt locations
5. Set and anchor sill plate to foundation wall

## Technical Services Available

For Canadian Technical inquiries please contact local representative. See Technical territory map via [www.specowenscorning.ca/contacttech](http://www.specowenscorning.ca/contacttech).

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Current Ed: 2018.09.01  
Previous Ed: 2017.05.01

## Disclaimer of Liability

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**OWENS CORNING CANADA LP**  
3450 MCNICOLL AVENUE  
SCARBOROUGH, ONTARIO M1V 1Z5

**1-800-GET-PINK®**  
**[www.owenscorning.ca](http://www.owenscorning.ca)**

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# DUPONT™ TYVEK® DRAINVENT™ RAINSCREEN



## HELPS PROLONG THE LIFE OF EXTERIOR CLADDING

Creates an air gap that helps prevent rot, cracking and peeling problems by promoting moisture movement and ventilation behind the wall cladding.



## IDEAL FOR STUCCO AND STONE

Tyvek® DrainVent™ replaces one layer of weather-resistant barrier (WRB) required with stucco and stone. Attached heavy-duty filter fabric prevents mortar and stucco infiltration.



## EASY INSTALLATION

Patent-pending honeycomb design lays flat and is easy to install with 1/2" staples or nails. Features built-in insect screen flap.

# DuPont™ Tyvek® DrainVent™ Rainscreen provides advanced protection against moisture damage in exterior wall systems.

Tyvek® DrainVent™ Rainscreen is a three-dimensional honeycomb-textured drainage mat with attached heavy-duty filter fabric that provides:

- A flat surface for cladding application
- Optimal compression resistance
- Multi-directional channels for drainage and airflow

### Peace of mind with peak performance

Tyvek® DrainVent™ Rainscreen provides assurance that water will drain out of the wall.

### Ease of installation

Tyvek® DrainVent™ is easy to cut and install; lays flat; and rolls tight against corners, helping protect against poor installation and detailing errors.

### Trusted quality and durability

Tyvek® DrainVent™ is part of the complete DuPont™ Tyvek® product portfolio.

### 10-year warranty

Tyvek® DrainVent™ has a 10-year limited product warranty and a 10-year limited product and labor warranty if installed correctly with DuPont™ Tyvek® system products.

### Full support

The Tyvek® Specialist Network is available across the U.S. for additional product information and support.

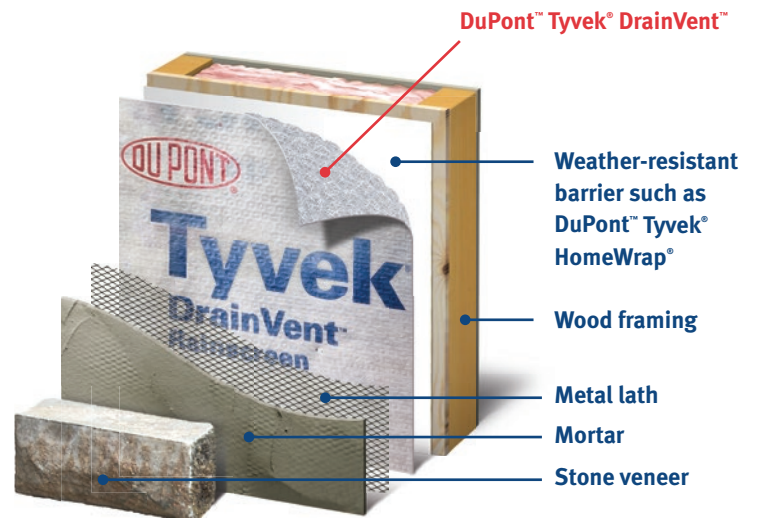
## DuPont™ Tyvek® DrainVent™ Rainscreen

### Applications

- Stucco
- Stone veneer
- Brick
- Wood siding
- Fiber cement siding
- Metal panel systems
- Cedar shake and shingles

### Properties

- 4' x 50' (1.2m x 15.2m) roll, 200 sq. ft. coverage per roll
- 6.8mm/0.27" thickness (gap size)
- 90-day UV rating
- >100 perms based on ASTM E96 (method B)
- Class "A" fire rating per ASTM E84
- Mold and mildew resistant



[drainvent.tyvek.com](http://drainvent.tyvek.com)

1-800-44-TYVEK



This information is based on technical data DuPont believes to be reliable and is subject to revision. It is intended for informational use by persons having technical skill for evaluation and at their own discretion and risk. Test results shown are preliminary and represent roll averages. Individual results may vary either above or below averages due to normal variations, while continuing to meet product specifications. Since conditions of use are outside our control, DuPont makes no warranties, express or implied, including, without limitation, no warranties of merchantability or fitness for a particular use and assumes no liability in connection with any use of this information. This information is not intended as license to use or infringe any trademark, patent or technical information.

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# DuPont™ RainVent™ Batten

## What is a DuPont™ RainVent™ Batten?

A significant percentage building failures are related to the mismanagement of moisture. DuPont™ RainVent™ Batten is a patent-pending, corrugated, fluted polypropylene batten (1 5/8 inch wide by 3/8 inch thick by 8 feet long) for use in residential wall construction as a rain screen, drainage plane, and furring strip under exterior siding or cladding.



## Benefits of DuPont™ RainVent™ Battens?

Moisture dissipates quickly, wall sheathing and framing are preserved, mold growth is reduced.

Meets drainage code that requires a rain screen (air space) behind all exterior cladding (siding).

Lightweight. Carry a "house worth of battens" on your shoulders.

Vertical and horizontal ventilation.

Low cost install.

No waste. Reusable and recyclable.

No stainless steel fasteners - easier to install.

Eliminates the use of toxic pressure treated material.

Works under many cladding types including stucco and faux stone.

Visit the [website](#) to download Installation Guidelines and view Images of DuPont™ RainVent™ Battens working with various wall assemblies: DuPontRainVentBatten

dimensions:

1-5/8" wide x 3/8" deep x 8' long







## DriWall™ Rainscreen

### Driwall™ Rainscreen Products

**Driwall™ Rainscreen is a drainage mat for exterior wall systems.** The entangled net product eliminates incidental moisture problems in most exterior veneer applications, including stucco, manufactured stone, and plank siding.

With the increase in building “tightness” for thermal protection, moisture problems are on the rise, causing a greater need for hydrostatic pressure release and a ventilation method.

The full-wall Driwall™ Rainscreen product rolls over the weather-resistant barrier to separate it from the exterior veneer. The airspace that Driwall™ Rainscreen creates increases airflow through the wall cavity, allowing the wall to breath and stay dry.

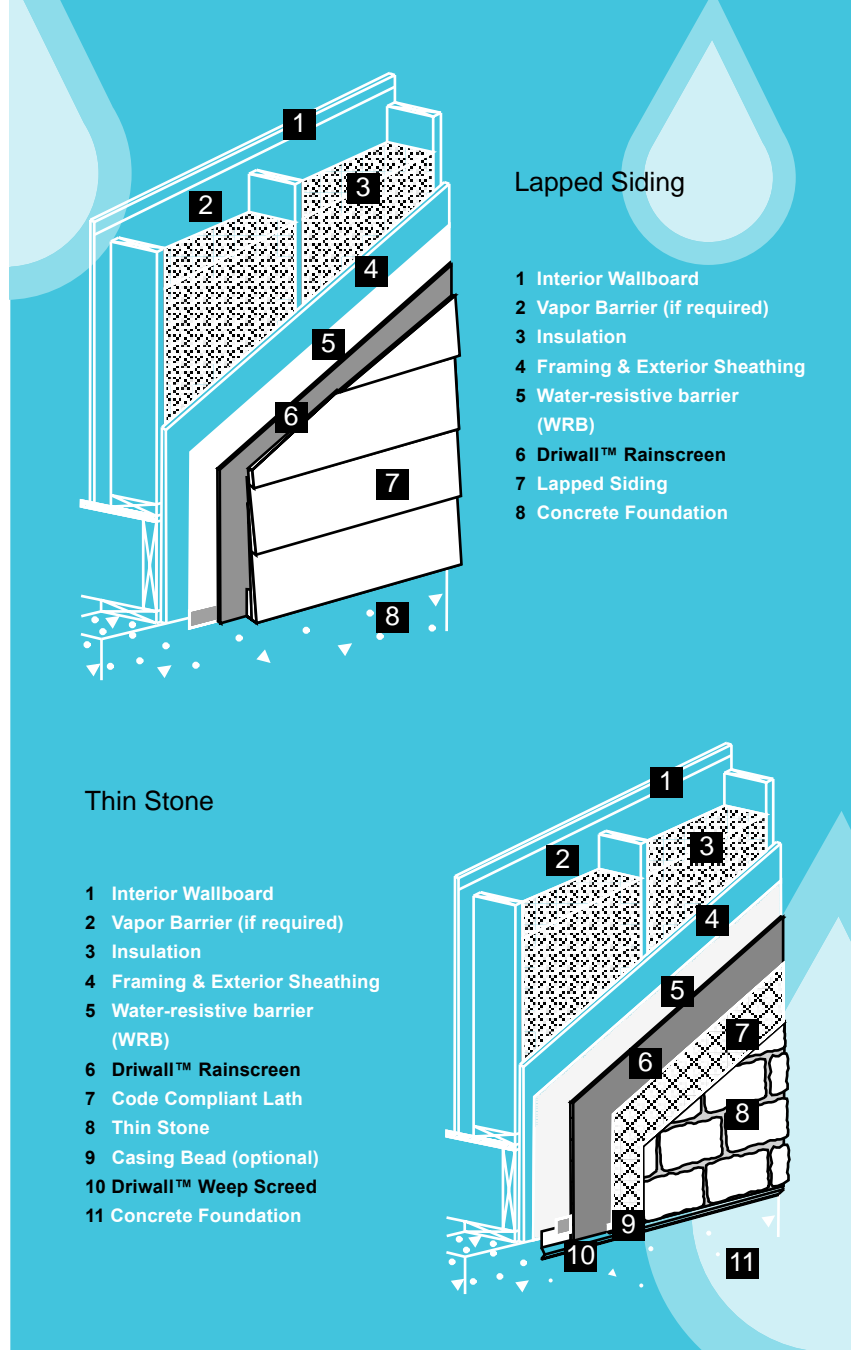
The end result: a dry, mold-free wall system from KEENE!

### Benefits

- ✓ LEED® credits available
- ✓ Prevents callbacks from moisture problems
- ✓ Increases ventilation
- ✓ Helps prevent mold
- ✓ Most effective way to drain and vent
- ✓ One product that can do it all



*Photo:  
Stone and Stucco Home  
with Driwall™ Rainscreen*



# DriWall™ Rainscreen



Product	Thickness	Length	Area	Roll Dimension	Roll Weight	Applications
<b>Driwall Rainscreen 020-1</b>	0.25 in./6.0 mm	65 ft.	260 sq. ft.	16x16x48 in.	19.5 lbs.	See below
<b>Driwall Rainscreen 10 mm</b>	0.40 in./10.9 mm	45 ft.	180 sq. ft.	16x16x48 in.	24 lbs.	See below
<b>Driwall Rainscreen 075-1</b>	0.75 in./19.0 mm	50 ft.	200 sq. ft.	18x18x48 in.	29 lbs.	Brick and natural stone

For a complete list of all our products, please contact KBP, or visit our website at [www.KeeneBuilding.com](http://www.KeeneBuilding.com)

## Applications

- ✓ Stucco
- ✓ Thin stone or brick
- ✓ Manufactured stone
- ✓ Stone and brick masonry
- ✓ Lap siding
- ✓ Siding applications

## Eliminate One Layer of Building Paper

- ✓ **IRC 2006 Code Book\***
- ✓ **R703.6.3 Water-resistive barriers.** Water-resistive barriers shall be installed as required in Section R703.2 and, where applied over wood-based sheathing, shall include a water-resistive, vapor-permeable barrier with a performance at least equivalent to two layers of Grade D paper.
- ✓ **Exception:** Where the water-resistive barrier that is applied over wood-based sheathing has a water resistance equal to or greater than that of 60 minute Grade D paper and is separated from the stucco by an intervening, substantially non water-absorbing layer or designed drainage space.

## Product Data

# Driwall™ Rainscreen UV

A High Performance Drainage and Ventilation Mat

### Description

Driwall™ Rainscreen UV is a 0.40-inch-thick, randomly oriented geometric patterned high performance drainage and ventilation mat.

It is designed to provide a 10 mm cavity with a long term UV resistance. Driwall™ Rainscreen UV has strength bars to increase compression resistance and with the addition of a UV stably fabric it makes Driwall™ Rainscreen UV ideal for open joint claddings.

The UV stable fabric is black in color to contrast and emptiness and the entangled net is designed to deter insect and rodents from resting.

### Applications

- ✓ Fiber cement board siding
- ✓ Wood siding
- ✓ Open joist cladding
- ✓ Metal panels

### Features and Benefits

Drainage of excess moisture and ventilation in one product

Lightweight and easy to handle

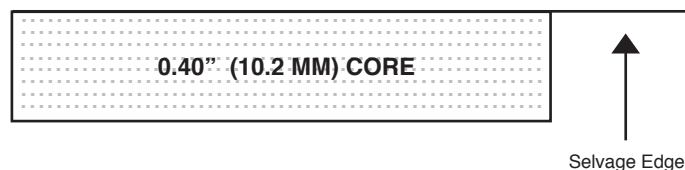
Simple installation with mechanical staple hammer

Polymer core is resistant to most known corrosive chemicals, including solvents

Wide rolls for fewer seams

Core ABSORBS and RELEASES NO MOISTURE

Provides no source for the promotion of MOLD, MILDEW or BACTERIA



## Physical Properties

Description	Means of Measurement English/Metric		Value English/Metric	
Flame Spread	ASTM E84		Class A	
Core Polymer	Polypropylene, UV-Stabilized			
Thickness	Inches	Mm	0.40	10.2
Total Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	18.9	641
Core Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	17.0	576
Fabric Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	1.9	64.0

## Packaging

Description	Means of Measurement English/Metric		Value English/Metric	
Core Width	Inches	CM	48.0	122
Length	Feet	Meters	45.0	13.7
Area	Square Feet	Square Meters	180	16.7
Roll Diameter	Inches	CM	16.0	40.6
Roll Weight	Pounds	Kg	24.0	10.8

See installation instructions for methods and procedures.

### 25 YEAR LIMITED WARRANTY

KEENE BUILDING PRODUCTS, INC. DRIWALL RAINSCREEN

Keene Building Products, Inc. ("Keene") warrants its DRIWALL RAINSCREEN products against defects in material and workmanship for a period of Twenty-Five (25) years from the date of installation. Upon receipt of written notice, which must be given no later than thirty (30) days after discovery of the defect, Keene, at its sole option, will repair or replace the defective item(s) or refund the purchase price. Keene, at its sole option, may request that the defective item(s) be returned to Keene's principal offices for investigation and inspection. Keene is not required to repair or replace the defective item(s) or to refund the purchase price until it has received such item(s) that Keene has requested returned and has inspected such item(s).

The warranty provided above is extended solely to the person or entity that purchases the product directly from Keene, and no third party may rely thereon or assert any claim based on such warranty. The foregoing warranty is the only warranty provided by Keene and is to the exclusion of any other warranty, whether express or implied, including the implied warranties of merchantability and fitness for a particular purpose, all of which are expressly disclaimed. Keene's liability, if any, for damages based on any claim of any kind whatsoever, and regardless of the legal theory, with regard to any of its products shall be limited to the actual purchase price of the product(s) with respect to which such claim is made.

UNDER NO CIRCUMSTANCES SHALL KEENE BE LIABLE TO PURCHASER FOR COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR REVENUE, EXPENDITURES, INVESTMENTS OR COMMITMENTS, AND IN NO EVENT SHALL KEENE BE LIABLE TO PURCHASER OR ANY OTHER PERSON OR ENTITY FOR SPECIAL, INCIDENTAL, INDIRECT, CONSEQUENTIAL OR EXEMPLARY DAMAGES. By way of example only, Keene will not be responsible for any damages purchaser may incur that are related to surface, subsurface or building conditions, damage to the structure or contents of any building, or for costs of repair and replacement except as may be expressly provided in this Limited Warranty (and subject to the terms and conditions hereof).

Keene shall not be liable for product failure resulting from any of the following: (i) products not installed in accordance with Keene's installation instructions; (ii) non-compliance with applicable building codes and regulations; (iii) the use of any of its products (A) in a manner for which it was not intended; (B) in a modified form without the permission of Keene, or (C) in combination with any other system, equipment or device not manufactured or sold by Keene.

Keene may change, modify, amend, replace or discontinue offering a product warranty, limited or otherwise. Any such change, modification, amendment, replacement or discontinuance shall be applicable to unsold products only, and Keene shall endeavor to give purchaser at least thirty (30) days prior written notice of same.

Claims or inquiries shall be addressed as follows:  
 Customer Service Department [Quality Control Manager]  
 KEENE BUILDING PRODUCTS, INC.  
 5885 Landerbrook Drive, Suite 140  
 Mayfield Hts., OH 44124  
 P 440 605 1020 [877-514-5336]  
 F 440 605 1120  
 www.keenebuilding.com



P.O. Box 241353

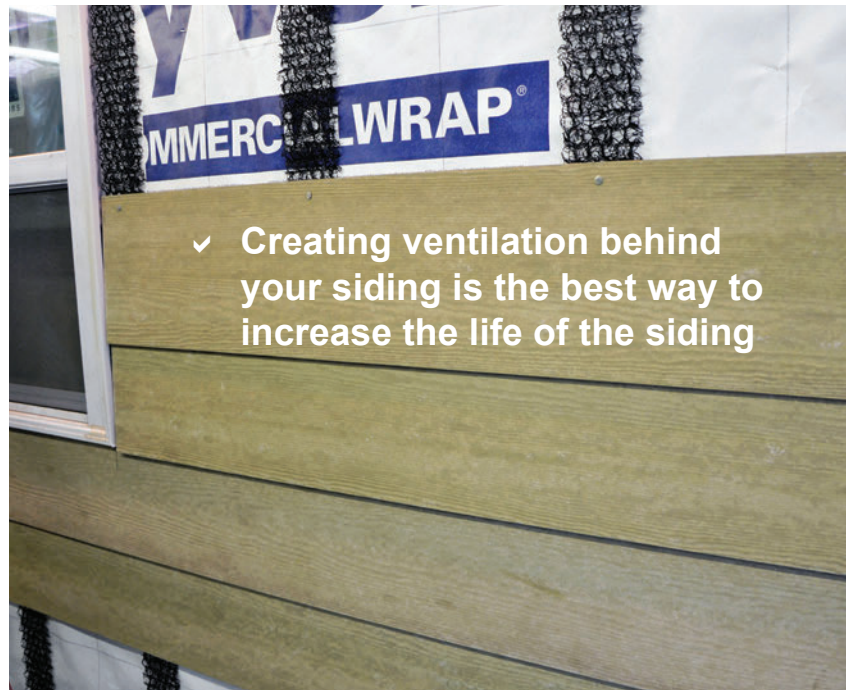
Mayfield Heights, OH 44124

Info@KeeneBuilding.com

www.KeeneBuilding.com

877 | 514 | 5336  
 P 440 | 605 | 1020  
 F 440 | 605 | 1120

2/2  
 2015/1



✓ Creating ventilation behind your siding is the best way to increase the life of the siding

**EASY-FUR™**  
A Rollable Furring Strip

EASY-FUR™ is an entangled polymer net furring strip that creates a cutting edge rainscreen and venting system behind wood and fiber-cement siding.

Easy-Fur's unique design allows for the fastest installation of any furring strip on the market, because it can be rolled onto the wall and easily cut to length.

Creating ventilation behind your siding is the best way to increase the life of the siding, as well as decrease the effects of moisture products in your wall.



**Benefits**

- ✓ Easy to install
- ✓ Can be cut with scissors
- ✓ Promotes airflow and drainage
- ✓ Meets most local codes
- ✓ Will not split, warp or rot
- ✓ Provides no source for the promotion of MOLD, MILDEW or BACTERIA
- ✓ Lightweight and easy to carry



Product	Thickness	Length	Width
EASY-FUR	0.40 in./10 mm	25 ft/7.62 m	4 in./102 mm

**Product Data**

# Easy-Fur™

A Drainage and Ventilation Strip

## Description

Keene Building Products Roll Strip creates a cutting edge rainscreen and venting system behind wood and fiber-cement siding. Roll Strip's unique design allows for the fastest installation of any furring strip on the market, because it is can be rolled on to the wall and easily cut to length. Its high strength configuration creates a great base to install siding on. Roll Strip is a 4-inch wide, 10 mm thick and 25 foot long product made out of recycled nylon. Roll Strips will not split, warp or rot like traditional wood furring strips. Creating ventilation behind your siding is the best way to increase the life of the siding as well as decrease the effects of moisture products in your wall.

## Applications

- ✓ Wood siding
- ✓ Metal siding
- ✓ Fiber cement board siding
- ✓ Other roofing and wall applications

## Features and Benefits

Easy to Install

Can be cut with scissors

Meets most local codes

Will not split, warp or rot

Provides no source for the promotion of MOLD, MILDEW or BACTERIA

## Packaging

Description	Means of Measurement		Value	
	English	Metric	English	Metric
Core Width	Inches	CM	4.0	10.2
Length	Feet	Meters	25.0	7.62
4 Rolls per Bundle. 36 Bundles per Pallet.				





Moisture  
Management  
for Masonry



## MORTARNET® WITH INSECT BARRIER™ THE ORIGINAL MORTAR DROPPING COLLECTION DEVICE

**Over 20 Years of installations. Thousands of walls.  
Not a single wall failure.**

MortarNet® helps prevent moisture damage to masonry cavity walls by preventing mortar droppings from blocking the weep holes and by providing hundreds of clear drainage pathways that allow moisture to flow to the weeps. Its open mesh also allows air movement to help equalize pressure and dry the cavity.

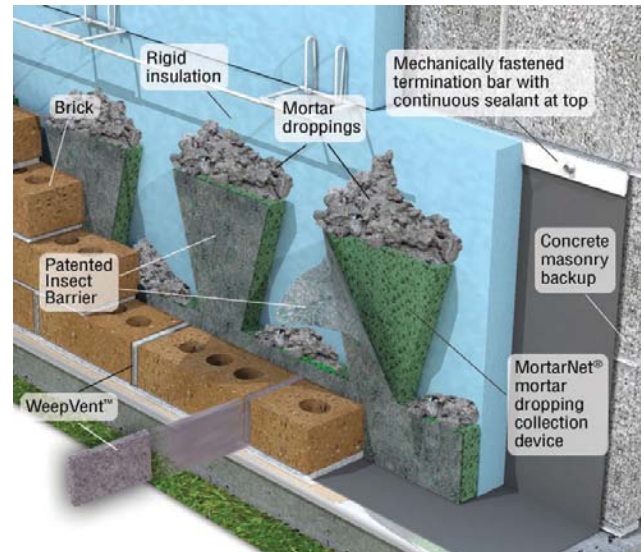
### Features

- Dual levels
- Trapezoidal shape
- 90% open weave mesh
- Patented Insect Barrier
- 0.4" and 1.0" made from 0% pre-consumer recycled nylon
- 2.0" is made from 20%-36% post-industrial and 12%-24% post-consumer recycled polyester

### Benefits

- Breaks up and suspends mortar droppings above the flashing on two levels so weeps stay open
- Open weave mesh construction provides hundreds of pathways for moisture to exit the cavity
- Insect Barrier helps prevent wall damage and health hazards from insect infestations
- Is very permeable to air, water and water vapor due to the low fiber density of the non-woven structure
- Helps prevent efflorescence, damage from freeze-thaw cycles and mold growth
- Easy to transport, handle and cut, even on scaffolding
- Installs easily on brick ties in multi-story cavity walls
- Will not degrade, oxidize or react with common building materials
- Recycled content helps with LEED certification
- Helps eliminate callbacks to repair moisture damage
- Provides masons and building owners with a greater peace of mind

Weep holes must be used with MortarNet to allow effective moisture drainage and wall drying. Visit WeepVent™ or CellVent™ on [mortarnet.com](http://mortarnet.com) to see how they can help keep weep holes open and prevent insects from entering the cavity through the weeps.





## CELLVENT™ KEEP WEEP HOLES OPEN, INSECTS AND DEBRIS OUT

### Economical protection for masonry cavity walls.

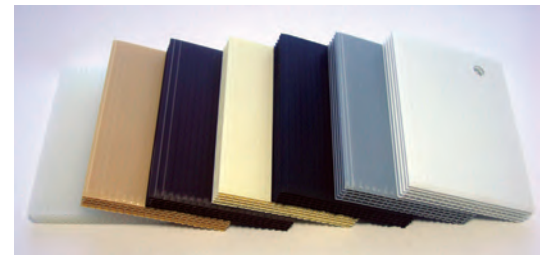
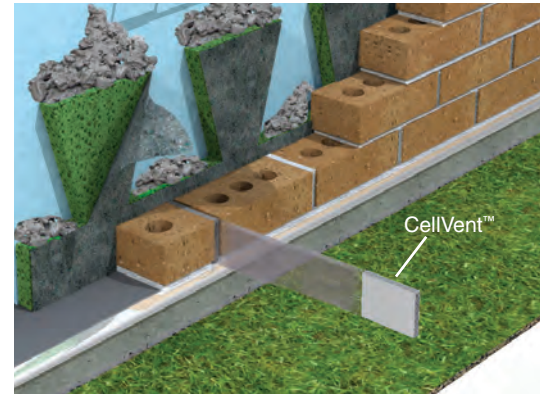
CellVent™ for masonry cavity walls helps ensure that moisture can migrate out and air can circulate into the cavity, and that insects can't enter the cavity through the weep holes.

### Features

- Made of durable polypropylene (tested in conformance with ASTM D2240, D790B, D638, and D1238B)
- Available in clear, cocoa, brown, tan, black, gray and white
- UV Stable

### Benefits

- Very cost-effective
- Helps prevent spalling from freeze/thaw cycles, efflorescence and wet basements by:
  - Allowing moisture to migrate out of the cavity so moisture can't build up
  - Allowing air to circulate into the cavity so the cavity can dry quickly
  - Helping prevent pressure differentials, so moisture is not forced into the cavity
  - Preventing insects and debris from entering the cavity and blocking the weep holes
- Very lightweight and easy to handle
- Requires no sealants or fasteners for installation
- Fast and easy to install in both new construction and restoration projects
- Can be used at the top of the wall to help improve air circulation in the cavity
- Will not degrade, oxidize, or react with common building materials
- 100% compatible with standard weep hole designs
- Helps prevent call-backs and repairs due to moisture damage in the cavity
- Helps protect builders and designers from legal issues resulting from moisture damage
- Clear instructions, extensive product support, and high quality materials help assure installations to specs



CellVent™ by Mortar Net Solutions™  
Colors available: (left to right)  
clear, cocoa, brown, tan, black, gray, white

CellVent™ is most effective when installed in combination with MortarNet™, HouseNet™, or WallNet™.

Visit [mortarnet.com](http://mortarnet.com) to learn more.

# WeepVent™

## Technical Data Sheet

WeepVent for masonry cavity walls helps ensure that moisture can migrate out and air can circulate into the cavity, and that insects can't enter the cavity through the weep holes. The product's compressibility means it can completely fill the weep holes, and "prickly adhesion" holds the WeepVent in place without fasteners or adhesives.

### Features

- 90% open-weave polyester mesh
- Available in Brown, Red, Tan, Almond, Gray, White, Black and Pebble
- Custom sizes and cuts available on request

### Standard Sizes and Packaging

THICKNESS	HEIGHT	LENGTH	UNITS/BOX	FITS
1/2"	3 1/2"	2-5/8"	125	Modular, Norman, Utility

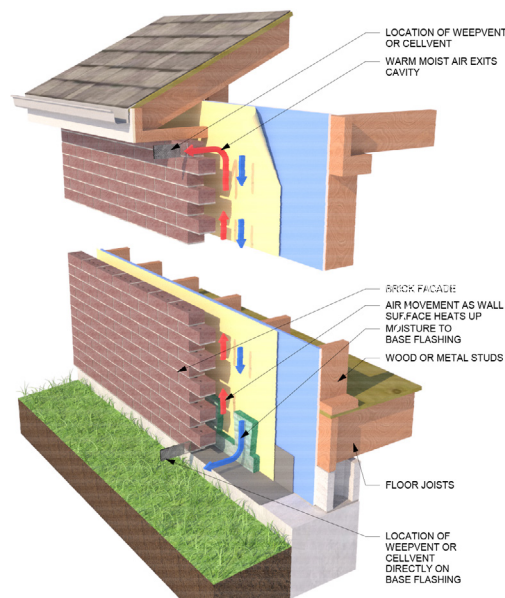
### Special Sizes and Packaging

THICKNESS	HEIGHT	LENGTH	UNITS/BOX	FITS
1/2"	2"	2"	125	Adhered Veneer
1/2"	3 1/2"	3 1/2"	125	Utility
1/2"	3 1/2"	7-5/8"	125	CMU Veneer
1/2"	4"	2 1/2"	125	Ledge Stone
1/2"	4"	4"	125	Closure, Utility, 4" x 16"

### Recycled Content

THICKNESS	RECYCLED CONTENT
1/2"	33% Pre-consumer
	17% Post-consumer

## Available in 8 Colors



Use WeepVent to increase ventilation at the top and bottom of wall



Moisture  
Management  
For Masonry

# MortarNet™

## WallDefender®

### Product Overview

Mortar dropping device that helps prevent mortar droppings from blocking the weeps.

In masonry cavity walls, mortar collection above the flashing and weep hole levels is vital for proper masonry wall performance and to prevent water damage. In today's walls, it's common to see a 2" cavity reduced to the minimum requirement of 1" with the inclusion of insulation, so the need for better ventilation is essential to keep the wall dry and trouble-free. MortarNet WallDefender suspends mortar droppings above the flashing and weeps, so they stay clear and unobstructed. Its NEW design using a structural strand polymer mesh allows moisture to flow to the weeps and significantly greater airflow within the cavity to promote drying.

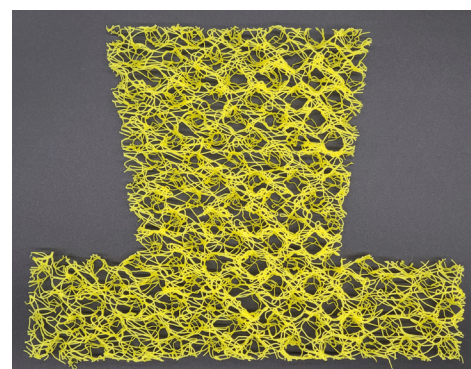
### Features

- Dual levels
- Trapezoidal shape
- Structural strand polymer mesh
- Made from 40% Post-consumer recycled content

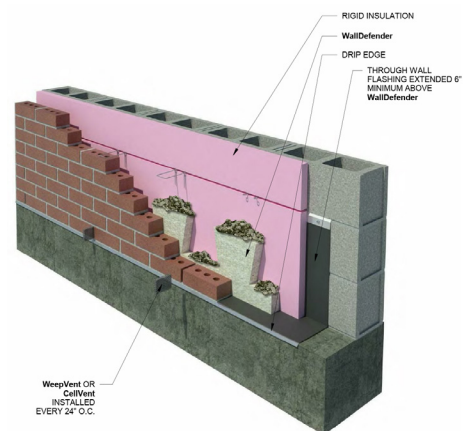
### Benefits

- Compressible to allow for variations in cavity width
- A cost competitive alternative to MortarNet with Insect Barrier
- Breaks up and suspends mortar droppings above the flashing on two levels so weeps stay open
- Structural strand polymer mesh construction provides hundreds of pathways for moisture to exit the cavity
- Is very permeable to air, water and water vapor due to the low fiber density of the non-woven structure
- Helps prevent efflorescence and damage from freeze-thaw cycles
- Easy to transport, handle and cut, even on scaffolding
- Installs easily on brick ties in multi-story cavity walls
- Will not degrade, oxidize, or react with common building materials
- Clean and non-toxic
- Recycled content helps with LEED certification
- Helps eliminate callbacks to repair moisture damage
- Provides masons and building owners with a greater peace of mind

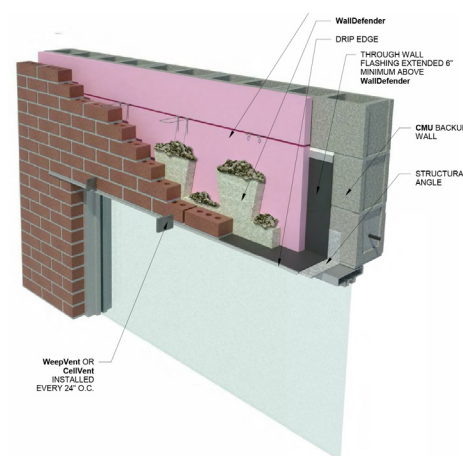
Weep holes must be used with MortarNet WallDefender to allow effective moisture drainage and wall drying. We recommend using WeepVent or CellVent to help keep weep holes open and prevent insects from entering the cavity through the weeps.



MortarNet WallDefender



Wall Base Detail



Window Head Detail

## Product Data

# Driwall™ Membrane 40 mil

Self-Adhesive Air and Vapor Barrier

## Description

Driwall™ Membrane 40 mil thick (1.0 mm) is a self-adhering flashing and waterproofing membrane.

It provides an air and vapor barrier for full wall, or flashing applications in masonry, wood, or gypsum construction. This highly adhesive, 40 mil membrane insures air and vapor protection.

### Storage:

Protect from weather. Store in enclosed area, which is not subject to high heat (120°F). Store rolls on end, and on original pallets.

Not intended for permanent exposure to the elements. Cover as soon as possible.

## Applications

- ✓ Provides an air and vapor barrier for full wall, or flashing applications
- ✓ Masonry, wood, or gypsum construction

## Features and Benefits

Impermeable to air, moisture vapor, and water

Excellent self adhesion to plywood, oriented strand board (OSB), concrete, metal, and like materials

Flexible at low temperatures (-20°F)

Handles easily at low temperatures (-20°F)

Highly resistant to punctures and tears

**40 mil (1.0 MM) CORE**

## Properties

Description	Measurement
Flame Spread	Self-Extinguishing
Color	Black
Thickness	40 mil      1.0 mm
Elongation (ASTM D412)	200% minimum
Tensile Strength (ASTM D412)	5000 psi minimum
Puncture Resistance (ASTM E154)	200 lb
Moisture Absorption (ASTM D570)	0.2%
Air Leakage at 75 Pa (ASTM E2178)	0.0001 CFM/ft <sup>2</sup>
Service Temperature	-40° F to 158° F

## Packaging

Description	Measurement
Length	75.0 ft      22.8 m
Roll Width	12.0 in.      304.8 mm
	18.0 in.      457.2 mm
	36.0 in.      914.4 mm

See installation instructions for methods and procedures.

LIMITED WARRANTY: Keene Building Products, Inc. warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Keene Building Products, Inc. will correct any such failure by either replacing or repairing any defective goods, at Keene Building Products, Inc.'s option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.

## Product Data

# Driwall™ Membrane 60 mil

Self-Adhesive Waterproofing Membrane

### Description

Driwall™ Membrane 60 mil thick (1.5 mm) self-adhering flashing and waterproofing membrane.

It provides an self-adhered waterproofing membrane in above and below grade applications such as concrete foundation walls, plaza decks, balconies, tunnels and breezeways.

#### Storage:

Protect from weather. Store in enclosed area, which is not subject to high heat (120°F). Store rolls on end, and on original pallets.

Not intended for permanent exposure to the elements. Cover as soon as possible. Do not use in contact with PVC or vinyl products.

### Applications

- ✓ Concrete foundation walls
- ✓ Plaza decks
- ✓ Tunnels
- ✓ Parking decks
- ✓ Foundation waterproofing
- ✓ Balconies

### Features and Benefits

Impermeable to air, moisture vapor, and water

Excellent self adhesion to plywood, oriented strand board (OSB), concrete, metal, and like materials

Flexible at low temperatures (-20°F)

Handles easily at low temperatures (-20°F)

Highly resistant to punctures and tears

**60 mil (1.5 MM) CORE**

## Properties

Description	Measurement	
Flame Spread	Self-Extinguishing	
Color	White	
Thickness	60 mil	1.5 mm
Tensile Strength Membrane (ASTM D412)	390 psi	
Tensile Strength Film (ASTM D882)	6,242 psi	
Puncture Resistance (ASTM E154)	331.8 lbs (1475.9N)	
Water Vapor Permeation (ASTM E96)	0.0152 perms	
Moisture Absorption (ASTM D570-81)	0.2%	
Low Temperature Flexibility (ASTM D1970)	Unaffected at -45°F	
Hydrostatic Head (ASTM D5385)	197 ft	

## Packaging

Description	Measurement	
Roll Width	12 in.	36 in.
Roll Size	12 in. x 67 ft.	36 in. x 67 ft.
Coverage per Carton	200 sq. ft.	200 sq. ft.
Rolls per Carton	3	1

See installation instructions for methods and procedures.

LIMITED WARRANTY: Keene Building Products, Inc. warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Keene Building Products, Inc. will correct any such failure by either replacing or repairing any defective goods, at Keene Building Products, Inc.'s option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.

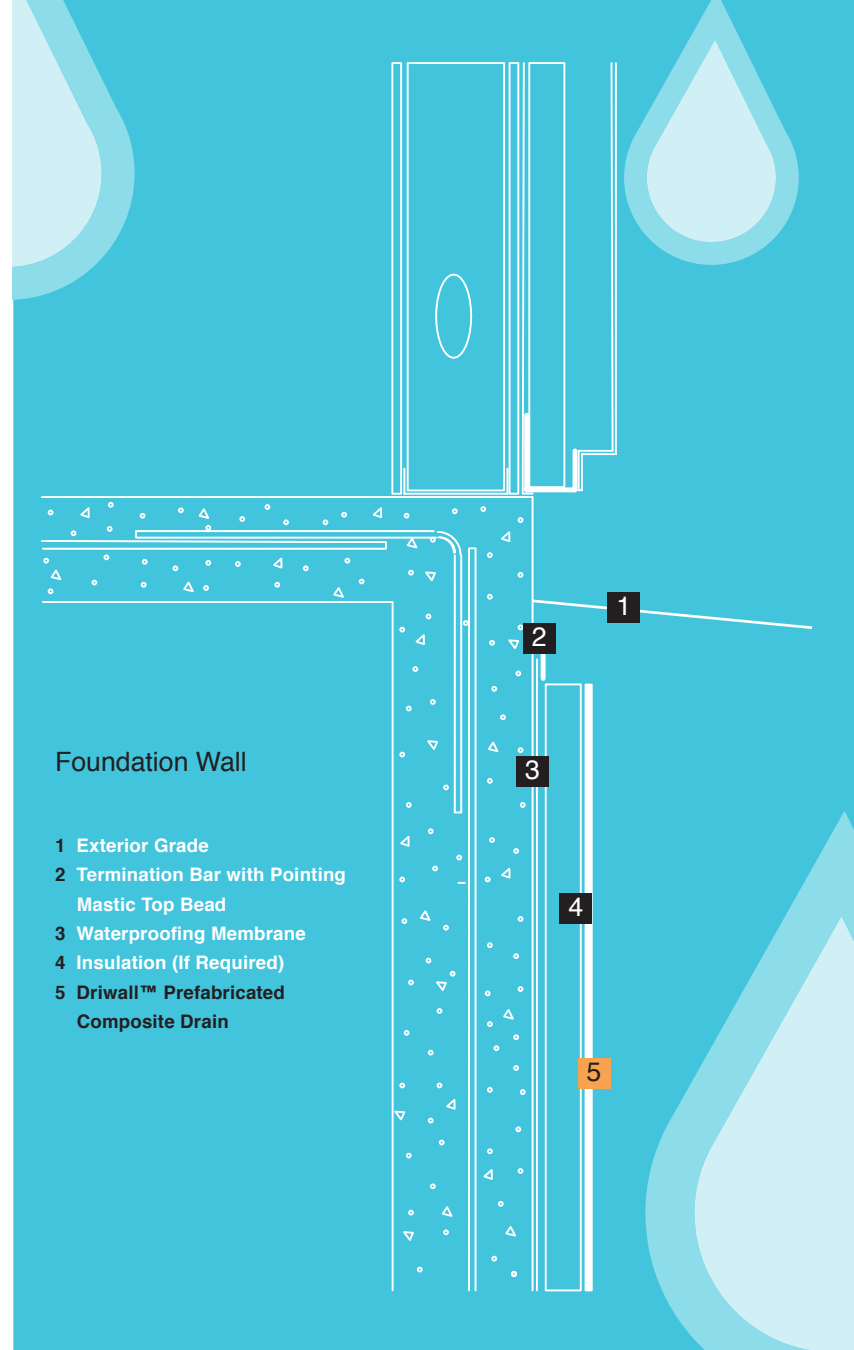




## Driwall™ Prefabricated Composite Drain Products

Driwall™ Prefabricated Composite Drain products are drainage mats designed to eliminate hydrostatic pressure from behind foundation walls, retaining walls, planters, plaza decks, and balconies.

A filter fabric is heat-laminated to one side of the mat to hold soil or concrete away from the wall or deck and keep the drainage plane clear. When using Driwall™ Prefabricated Composite Drain, aggregate for drainage can be eliminated from the construction site.



## Benefits

- ✓ Fire resistant – Class A fire rated product
- ✓ Minimal deflection, and no creep or long-term degradation
- ✓ Provides a thin profile for tight construction assemblies
- ✓ Lightweight and easy to handle



*Driwall™ Prefabricated Composite Drain is 0.125 - 0.40 inches thick (3.175 - 10.0 mm)*





## Driwall™ Prefabricated Composite Drain (PCD)

Product	Thickness	Length	Area	Roll Dimension	Roll Weight
Driwall PCD 10/013	0.125 in./3.175 mm	100 ft.	400 sq. ft.	18 x 18 x 48 in.	30 lbs.
Driwall PCD 10/025	0.25 in./6.0 mm	100 ft.	400 sq. ft.	22 x 22 x 48 in.	53 lbs.
Driwall PCD 10/025-2 MEM	0.33 in./8.0 mm	75 ft.	300 sq. ft.	29 x 29 x 48 in.	52 lbs.
Driwall PCD 10/040	0.40 in./10.0 mm	100 ft.	400 sq. ft.	24 x 24 x 48 in.	56 lbs.
Driwall PCD 10/045	0.40 in./10.0 mm	100 ft.	400 sq. ft.	24 x 24 x 48 in.	55.6 lbs.
Driwall PCD 10/045-2	0.40 in./10.0 mm	100 ft.	400 sq. ft.	35 x 35 x 48 in.	62.2 lbs.
Driwall PCD 10/046	0.40 in./10.0 mm	100 ft.	400 sq. ft.	24 x 24 x 48 in.	55.6 lbs.

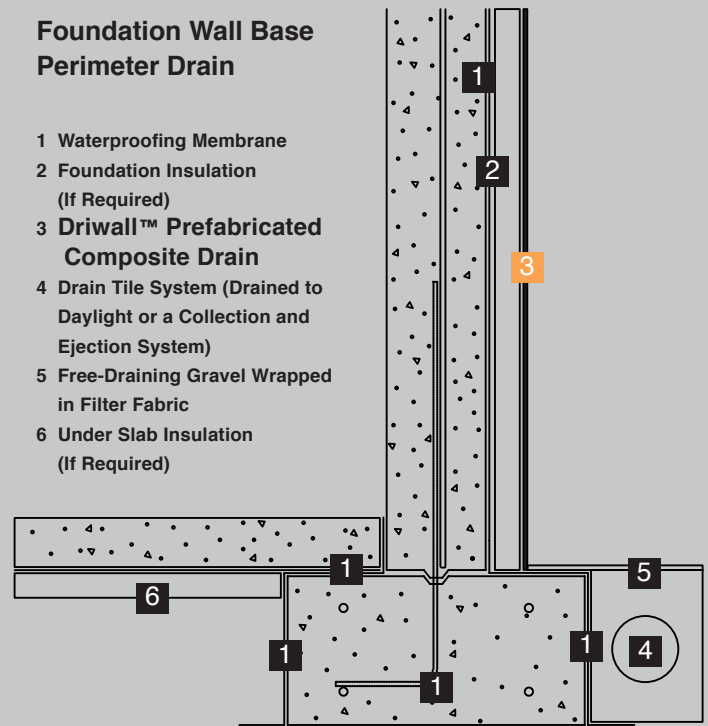
For a complete list of all our products, please contact KBP, or visit our website at [www.KeeneBuilding.com](http://www.KeeneBuilding.com)

### Applications

- ✓ Plazas, foundation walls, and planters
- ✓ Balconies
- ✓ Bored rock tunnels with moisture flow
- ✓ Will protect soft membranes
- ✓ Green roofs

### Foundation Wall Base Perimeter Drain

- 1 Waterproofing Membrane
- 2 Foundation Insulation (If Required)
- 3 Driwall™ Prefabricated Composite Drain
- 4 Drain Tile System (Drained to Daylight or a Collection and Ejection System)
- 5 Free-Draining Gravel Wrapped in Filter Fabric
- 6 Under Slab Insulation (If Required)

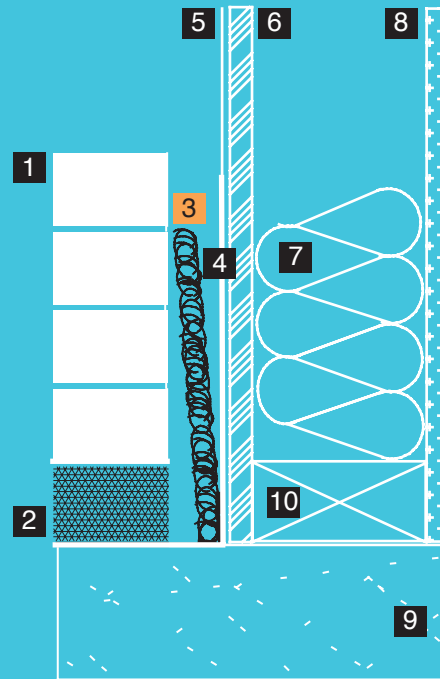


 **Driwall™ Mortar Deflection Products**  
Cavity Wall Protection Devices for Masonry

For use at the base of the wall and where flashing is installed to keep the airspace clear of mortar and debris.

Mortar deflection will allow the weep holes to stay open and drain properly.

For commercial and residential construction. Mortar Deflection does not absorb water, and helps prevent mold.



- 1 Brick
- 2 Driwall™ Weep Vent
- 3 Driwall™ Mortar Deflection
- 4 Flashing
- 5 Weather-resistant barrier (WRB)
- 6 Outer sheathing
- 7 Insulation
- 8 Gypsum wall board
- 9 Concrete foundation
- 10 Base plate

✓ Mortar Deflection does not absorb water and helps prevent mold

**Benefits**

- ✓ Prevents callbacks from moisture problems
- ✓ Cavity drainage and protection of flashing in one product
- ✓ Guaranteed to stop moisture from clogging weep holes when properly installed
- ✓ Will not grow mold; prevents fungus and mildew



*Driwall™ Mortar Deflection is 0.375-1.60 inches thick (9-41mm), sold in 25-50 ft. rolls, and packaged in boxes of four rolls*

*Photo: one roll of Driwall™ Mortar Deflection 2.0-160*





The Keystone™ Cut



Product	Thickness	Length	Area	Roll Dimension	Roll Weight	Packaged
<b>Driwall Mortar Deflection 0.5-040</b>	0.375 in./9.0 mm	50 ft.	200 Ln. ft.	20x20x10 in.	4 lbs.	4 rolls a bag 16 lbs.
<b>Driwall Mortar Deflection 1.0-075</b>	0.80 in./20.0 mm	50 ft.	200 Ln. ft.	21x21x10 in.	2.6 lbs.	4 rolls a box 10.4 lbs.
<b>Driwall Mortar Deflection 2.0-160</b>	1.60 in./41.0 mm	25 ft.	100 Ln. ft.	19x19x10 in.	1.8 lbs.	4 rolls a box 7.2 lbs.

## Installation Instructions for Driwall™ Mortar Deflection in Masonry

### Straight Strip Mortar Deflection

#### ✓ Inspection of Membrane and Wall Conditions

Ensure that the wall is free from structural defects, that any membranes or flashing are properly installed, and that the final system will have a path for moisture to escape from the wall.

### Installation of Driwall™ Mortar Deflection

Driwall™ Mortar Deflection can be installed by simply placing a continuous strip in the cavity at all flashing locations. Place horizontally on top of the flashing to ensure that the mortar droppings are broken up and deflected away from the weep holes. Mechanical attachment is not required.

# DuPont™ Tyvek® Protec™ 120

Synthetic Roofing Underlayment with Industry-Leading Walkability



## FEATURES/BENEFITS

### Description

DuPont™ Tyvek® Protec™ is a portfolio of engineered synthetic roofing underlayments featuring a unique embossed non-woven technology from the trusted name in total building envelope solutions. Tyvek® Protec™ 120's four-layer construction provides industry-leading walkability in dry, wet, hot, cold and dirty conditions, ideal for slopes 2:12 or higher under a variety of roofing materials in repair, re-roofing and new construction.

### Ease of Use

- Top layer features grooves for dirt and water flow
- Lamination layer acts as a water barrier
- Woven polypropylene scrim provides added strength
- Slip-resistant coating provides grip to the roof deck

- Preserves the roof deck during installation and provides an effective secondary moisture barrier
- Lays flat and stays flat for a more uniform shingled surface
- Accepts and holds chalk marks for more visible lines and a better finished product

### Available Sizes

Tyvek® Protec™ 120 is available in 10 square rolls: 48" x 250'/1.2m x 76.2m (92.9m<sup>2</sup>), and 2 square rolls: 48" x 50'/1.2m x 15.2m (18.5 m<sup>2</sup>)

### Complete System

Tyvek® Protec™ 120 is part of a portfolio of engineered synthetic roofing underlayments that also includes Tyvek® Protec™ 160 and Tyvek® Protec™ 200.

## PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing.

**TABLE 1: Physical Properties for Tyvek® Protec 120™**

Test Method	Property	Typical Value	Units
ASTM D1777	Nominal Thickness	0.248	mm
ASTM D1777	Nominal Thickness	9.76	mils
ASTM D4869	Liquid water transmission	Pass	-
ASTM E96	Permeability	<0.05	Perms
ASTM D751	Tensile strength (MD / CD)	MD: 88.5 CD: 79.4	lbf
ASTM D751	Elongation (MD / CD)	MD: 21.5 CD: 19.9	%
ASTM D4533	Tear strength (MD / CD)	MD: 25 CD: 40	lbf
ASTM E108	Fire rating	Class A	-
ICC-ES AC188	UV exposure	90	days
Thermal Cycling	Temperature range	-40°F to 240°F (-40°C to 115°C)	°F (°C)
ICC-ES AC188, per Intertek CCRR-1062 ASTM D226	Code approvals	Pass	-

**TABLE 2: Specifications of Tyvek® Protec 120™**

Specifications	Typical Value	Units
Length per roll	250	ft
Width per roll	48	in
Weight per roll	25	lb
Roll size	10	square
Rolls per pallet	49	-
Pallet weight	1300	lb
Weight per square	2.5	lb
Warranty	30	years



**For more information visit us at  
tyvek.com  
or call 1-800-448-9835**

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43-D100055-enNA-1119 CDP

# DuPont™ Tyvek® Protec™ 160

Synthetic Roofing Underlayment with Industry-Leading Walkability



## FEATURES/BENEFITS

### Description

DuPont™ Tyvek® Protec™ is a portfolio of engineered synthetic roofing underlayments featuring a unique embossed non-woven technology from the trusted name in total building envelope solutions. Tyvek® Protec™ 160's four-layer construction provides industry-leading walkability in dry, wet, hot, cold and dirty conditions, ideal for slopes 2:12 or higher under a variety of roofing materials in repair, re-roofing and new construction.

### Ease of Use

- Top layer features grooves for dirt and water flow
- Lamination layer acts as a water barrier
- Woven polypropylene scrim provides added strength
- Slip-resistant coating provides grip to the roof deck

- Preserves the roof deck during installation and provides an effective secondary moisture barrier
- Lays flat and stays flat for a more uniform shingled surface
- Accepts and holds chalk marks for more visible lines and a better finished product

### Available Sizes

Tyvek® Protec™ 160 is available in 10 square rolls: 48" x 250'/1.2m x 76.2m (92.9m<sup>2</sup>), and 2 square rolls: 48" x 50'/1.2m x 15.2m (18.5 m<sup>2</sup>)

### Complete System

Tyvek® Protec™ 160 is part of a portfolio of engineered synthetic roofing underlayments that also includes Tyvek® Protec™ 120 and Tyvek® Protec™ 200.

## PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing.

**TABLE 1: Physical Properties of Tyvek® Protec™ 160**

Test Method	Property	Typical Value	Units
ASTM D1777	Nominal Thickness	0.379	mm
ASTM D1777	Nominal Thickness	14.9	mils
ASTM D4869	Liquid water transmission	Pass	-
ASTM E96	Permeability	<0.05	Perms
ASTM D751	Tensile strength (MD / CD)	MD: 96.8 CD: 95.4	lbf
ASTM D751	Elongation (MD / CD)	MD: 20.3 CD: 19.4	%
ASTM D4533	Tear strength (MD / CD)	MD: 30 CD: 35	lbf
ASTM E108	Fire rating	Class A	-
ICC-ES AC188	UV exposure	180	days
Thermal Cycling	Temperature range	-40°F to 240°F (-40°C to 115°C)	°F (°C)
ICC-ES AC188, per Intertek CCRR-1062 ASTM D226	Code approvals	Pass	-

**TABLE 2: Specifications for Tyvek® Protec™ 160**

Specifications	Typical Value	Units
Length per roll	250	ft
Width per roll	48	in
Weight per roll	31	lb
Roll size	10	square
Rolls per pallet	36	-
Pallet weight	1225	lb
Weight per square	3.1	lb
Warranty	40	years



**For more information visit us at  
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43-D100056-enNA-1119 CDP



# DuPont™ Tyvek® Protec™ 200

Synthetic Roofing Underlayment with Industry-Leading Walkability



## FEATURES/BENEFITS

### Description

DuPont™ Tyvek® Protec™ is a portfolio of engineered synthetic roofing underlayments featuring a unique embossed non-woven technology from the trusted name in total building envelope solutions. Tyvek® Protec™ 200's four-layer construction provides industry-leading walkability in dry, wet, hot, cold and dirty conditions, ideal for slopes 2:12 or higher under a variety of roofing materials in repair, re-roofing and new construction.

### Ease of Use

- Top layer features grooves for dirt and water flow
- Lamination layer acts as a water barrier
- Woven polypropylene scrim provides added strength
- Slip-resistant coating provides grip to the roof deck

- Preserves the roof deck during installation and provides an effective secondary moisture barrier
- Lays flat and stays flat for a more uniform shingled surface
- Accepts and holds chalk marks for more visible lines and a better finished product

### Available Sizes

Tyvek® Protec™ 200 is available in 10 square rolls: 48" x 250'/1.2m x 76.2m (92.9m<sup>2</sup>), and 2 square rolls: 48" x 50'/1.2m x 15.2m (18.5 m<sup>2</sup>)

### Complete System

Tyvek® Protec™ 200 is part of a portfolio of engineered synthetic roofing underlayments that also includes Tyvek® Protec™ 120 and Tyvek® Protec™ 160.

## PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing.

**TABLE 1: Physical Properties of Tyvek® Protec™ 200**

Test Method	Property	Typical Value	Units
ASTM D1777	Nominal Thickness	0.419	mm
ASTM D1777	Nominal Thickness	16.5	mils
ASTM D4869	Liquid water transmission	Pass	-
ASTM E96	Permeability	<0.05	Perms
ASTM D751	Tensile strength (MD / CD)	MD: 113.9 CD: 117.0	lbf
ASTM D751	Elongation (MD / CD)	MD: 19.4 CD: 22.1	%
ASTM D4533	Tear strength (MD / CD)	MD: 67 CD: 47	lbf
ASTM E108	Fire rating	Class A	-
ICC-ES AC188	UV exposure	180	days
Thermal Cycling	Temperature range	-40°F to 240°F (-40°C to 115°C)	°F (°C)
ICC-ES AC188, per Intertek CCRR-1062 ASTM D226	Code approvals	Pass	-

**TABLE 2: Specifications for Tyvek® Protec™ 200**

Specifications	Typical Value	Units
Length per roll	250	ft
Width per roll	48	in
Weight per roll	36	lb
Roll size	10	square
Rolls per pallet	36	-
Pallet weight	1375	lb
Weight per square	3.6	lb
Warranty	50	years



**For more information visit us at  
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43-D100057-enNA-1119 CDP

# DuPont™ Tyvek® Roof Protector™

Synthetic Underlayment



**Lightweight, Strong Roof Protection**  
Excellent grip to the deck and strength of product helps to minimize tearing at fastener points.



**Easy to Install**  
Lays down flat and easy to reposition.



**Trusted Quality and Durability**  
A product you can rely on from DuPont, a leader in science-based building envelope materials.



**Strong, Lightweight Roof Protection.**

DuPont™ Tyvek® Roof Protector™ is an engineered synthetic roofing underlayment with a high strength to weight ratio. Brought to you by DuPont, the trusted name in total building envelope solutions. DuPont™ Tyvek® Roof Protector™ is ideal for steep slope roofing applications under asphalt shingles or metal cladding.

**DuPont™ Tyvek® Roof Protector™**

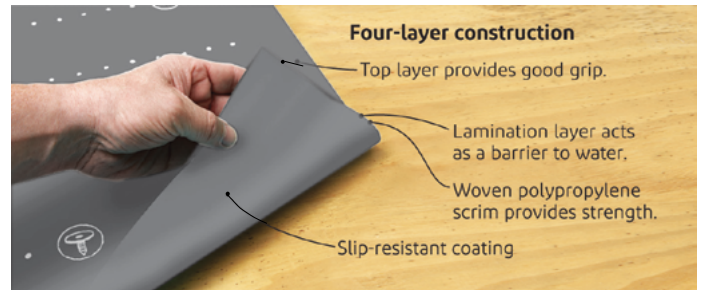
Roll Size (10 square)	42" X 286'
Rolls Per Pallet	49
Roll Weight	20 lbs
Warranty	20 years
UV Exposure	3 monthss

**Roof Types**

Asphalt Shingle	✓
Metal Cladding	✓

**Recyclable**

ASTM D226 Types I & II	✓
AC188	✓
Intertek CCRR-1087	✓
Class A Per ASTM E108	✓



**Designed to Lay Flat**  
Lays flat and stays flat for a more uniform shingled surface.



**Printed Guidelines for Shingle Alignment**  
2" chalk mark guide lines make installation go quickly.

**Protects the roof**  
Preserves the roof deck during installation and provides an effective secondary moisture barrier.

**High coverage in a roll**  
Large, but lightweight roll provides maximum coverage for a quick installation.



**FEATURES/BENEFITS**

**Description**

DuPont™ Tyvek® Roof Protector™ – with its four-layer construction providing excellent strength, grip and water-resistance – is the ideal engineered synthetic underlayment for steep slope roofing applications under asphalt shingles or metal panel roof materials, brought to you by the trusted name in total building envelope solutions.

Tyvek® Roof Protector™ is tough and tear-resistant, laying flat and staying flat for easier installation and better coverage per roll. Its high strength to weight ratio, slip-resistant surface and lightweight durability offers peace of mind to professional builders and homeowners alike.

**Available Sizes**

Tyvek® Roof Protector™ is available in 10 square rolls: 42" x 286'/1.1m x 87.2m (93.0m<sup>2</sup>)

**Ease of Use**

Tyvek® Roof Protector™ preserves the roof deck during installation, minimizing tearing at fastener points as a result of its excellent strength and deck grip. Tyvek® Roof Protector™ comes with a number of features and benefits:

- Lightweight material lays flat, stays flat and repositions with ease
- Large roll provides maximum coverage for quick installation
- Features 2" chalk mark guide lines for easier shingle alignment
- Acts as an effective secondary moisture barrier
- Withstands up to 90 days of UV exposure and comes with a 20-year limited warranty
- Low flame spread with a class "A" fire rating per ASTM E108
- Florida Building Code approved and meets AC188 (Intertek CCRR-1062), ASTM D226 Types 1 & II, CAN/CSA A123.3, CAN/CSA A220.1

# DuPont™ Tyvek® IntegrationWrap™

A Durable Membrane to Integrate Weatherization Components at Rough Openings

## FEATURES/BENEFITS

### Description

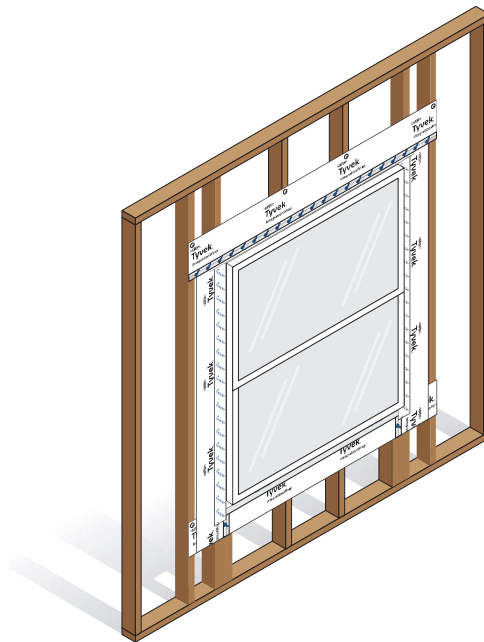
DuPont™ Tyvek® IntegrationWrap™ is a coated, woven polypropylene membrane that connects or “integrates” DuPont Self-Adhered Flashing Products at the window/door with the DuPont™ Tyvek® WRB on the wall in single-family residential and wood-framed multi-family/light commercial construction. This flashing integration membrane helps provide an easy means of preparing rough openings prior to the installation of the primary Tyvek® WRB, which can help reduce building dry-in times and facilitate the sequence of trades during the construction process.

### Key Features

- Flashing integration membrane that meets or exceeds AAMA 712-14 requirements for mechanically attached flashing
- Excellent tear resistance
- Exceptional air and water holdout
- Easy to install in a variety of details
- Purposeful product printing — measurement indicators to assist with installation, and a QR code for quick access to product information
- Provides simple method for integrating self-adhered window flashing with the building wrap
- Part of the complete DuPont™ Tyvek® Weatherization System
- Backed by a 10-year Limited Warranty

### Ease of Installation

Tyvek® IntegrationWrap™ was made in collaboration with window installation professionals to ensure the product is both effective and easy to install. The 9” width of the product makes it easy to incorporate into most window and door details.



To provide additional ease of use in the field, a QR code is printed on the product for quick access to product information. Indicators are also printed every 6 inches to help with measuring and cutting. The product is pliable and lightweight, making it a user-friendly, practical flashing integration membrane.

See the [DuPont™ Tyvek® IntegrationWrap™ Installation Guidelines](#) on [building.dupont.com](#) for complete installation information.

### Available Sizes

Roll Width (in)	Roll Length (ft)	Roll coverage (ft²)
9	300	225

### Complete System

For maximum protection against air and water infiltration in homes and multi-family buildings, use Tyvek® IntegrationWrap™ combined with DuPont™ Tyvek® WRBs and DuPont Self-Adhered Flashing Products. Tyvek® WRBs include Tyvek® HomeWrap®, Tyvek® StuccoWrap®, Tyvek® DrainWrap™, Tyvek® CommercialWrap®, and Tyvek® CommercialWrap® D. DuPont Self-Adhered Flashing Products include DuPont™ FlexWrap™, DuPont™ FlexWrap™ EZ, DuPont™ StraightFlash™, DuPont™ VersaFlange™, and DuPont™ Flashing Tape. DuPont also offers installation accessories, including DuPont™ Tyvek® Tape, DuPont™ Tyvek® Wrap Caps, and Great Stuff Pro™ Polyurethane Foam Sealant.



## PROPERTIES

DuPont™ Tyvek® IntegrationWrap™ exhibits physical properties as shown in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact your local DuPont Building Envelope Specialist before writing specifications around this product. Product properties are as follows:

**Table 1: Physical Properties of DuPont™ Tyvek® IntegrationWrap™**

Test Method	Property	Typical Value	Units
ASTM D1777	Thickness	7	mil
ASTM D882 ASTM D5034	Tensile Strength	60/67 95/126	MD/CD, lbf
ASTM D4533	Tear Resistance	22/37	MD/CD, lbf
ASTM F1306	Puncture Resistance	20	lbf
AATCC 127 (Dynamic Method) AATCC 127 (Static Method)	Material Water Resistance: Hydrostatic Head Pressure	> 500 PASS	cm water column 55 cm for 24 hours
ASTM E331	Assembly Water Resistance*	300 6.24	Pa psf
ASTM E96 Method A (Dry Cup) ASTM E96 Method B (Wet Cup)	Water Vapor Transmission	< 1	perms
TAPPI T-460 (Gurley Method)	Material Air Resistance	> 10,000	sec/100 cc
ASTM E1677	Assembly Air Leakage*	< 0.04	cfm/ft² (0.2 L/s · m²)
ASTM G154	Ultra-Violet Light (UV) Exposure Limit	120	Days
ASTM D1970	Low Temp. Flexibility	PASS	—
AAMA 712-14	Voluntary Specification for Mechanically Attached Flexible Flashing	PASS	—

\*Tyvek® IntegrationWrap™ tested in a wall assembly containing a window. In accordance with the [DuPont™ Tyvek® IntegrationWrap™ Installation Guidelines](#), DuPont Self-Adhered Flashing Products were used to flash window to Tyvek® IntegrationWrap™, with Tyvek® IntegrationWrap™ sealed to Tyvek® WRB on the wall using DuPont™ Tyvek® Tape.

## HANDLING AND ADDITIONAL INFORMATION

**WARNING: For Professional Use Only.** Read and follow the entire *Handling* section and the Safety Data Sheets (SDSs, formerly MSDSs or Material Safety Data Sheets) carefully before use. The information below is designed to protect the user and allow for safe use and handling of Tyvek® Brand products.

### Precautionary Statements

- DuPont™ Tyvek® IntegrationWrap™ should not be exposed to sunlight for more than 120 days.
- Tyvek® IntegrationWrap™ is slippery and should not be used in any application where it will be walked on.
- Tyvek® IntegrationWrap™ is combustible and should be protected from flames and other high heat sources. Tyvek® IntegrationWrap™ will melt at 320°F (160°C).
- Because of the critical technical design aspects of many of its applications, DuPont recommends that qualified designers or consultants design the wall system. Contact a local DuPont Building Envelope Specialist for more specific instructions.
- Follow all applicable federal, state, local and employer regulations.

### Storage and Disposal

Tyvek® IntegrationWrap™ should be stored in a clean, dry environment. Dispose of any residual product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.

### Warranty

Tyvek® IntegrationWrap™ is backed by a 10-year limited warranty. For more information, contact your local DuPont Building Envelope Specialist or see the [DuPont Building Envelope Solutions Products 10-Year Limited Warranty for Single-Family, Wood-Framed Multi-Family, and Light Commercial Buildings, For Projects Located in the United States Climate Zones 2B and 3B](#).

### Code Information

Tyvek® IntegrationWrap™ meets 2018 and 2021 International Residential Code (IRC) requirements for mechanically attached flashing, i.e. AAMA 712-14. Contact your DuPont Building Envelope Specialist or local authorities for state/provincial and local building code requirements and related acceptances.



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or call 1-833-338-7668**

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### DuPont™ Flashing Tape

Cost-effective way to protect the jambs and heads of residential and multifamily windows from water intrusion.

4" x 75'  
6" x 75'  
9" x 75'  
12" x 75'

### DuPont™ FlexWrap™

Seamless, no fastener protection of 3D window sills, and half round windows for residential and commercial construction.

6" x 75' (for 2x4 framing)  
9" x 75' (for 2x6 framing)

### DuPont™ StraightFlash™

Commercial flashing for straight heads and jambs of windows. Commonly used for transitions to steel, concrete, and other non-Tyvek® materials.

9' x 125' (1125 SF per roll)  
10' x 125' (1250 SF per roll)

### DuPont™ StraightFlash™ VF

Unique dual-sided, self-adhered flashing tape used for brick mould and non-flanged windows and doors for residential and commercial construction.

6" x 125'



### DuPont™ FlexWrap™ EZ

Ideal flashing around small electrical, HVAC, and plumbing penetrations. An easy solution to help improve the durability of a wall system.

2 3/4" x 15' roll

### DuPont™ Residential Sealant

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

10.3 ounce  
20 ounce tubes  
12 tubes per case



### DuPont™ Tyvek® Wrap Caps

Used for fastening of DuPont™ Tyvek® roll goods whether for residential or commercial construction.

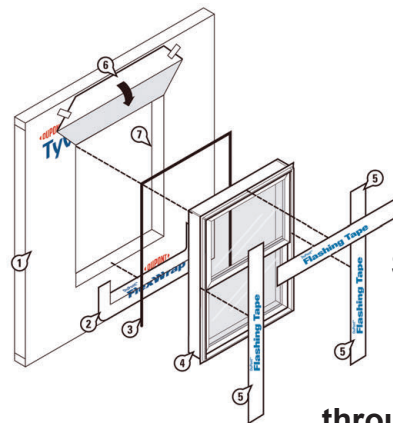
Plastic cap 2" screw | length 1 3/4"  
1000 screws per box  
• Caps only at 2000 per box

### DuPont™ RainVent™ Batten

Provides a ventilated rainscreen and drainage plane.

3/8" x 1 5/8" x 96"  
40 pieces per case

## DuPont™ Flashing Systems Benefits:



Easy installation

Quick release backing

Superior protection from water damage

Butyl adhesive performs through extreme temperature

Contains no asphalt

Designed for 120 days of UV exposure

Forgiving initial tack, easily repositioned

Adheres to most common building materials

Durable, tough, tear-resistant

Building Science-trained field support



distributed by Weatherization Partners, Ltd.



# DUPONT™ FLASHING SYSTEMS

## PRODUCT DATA

Properties	DuPont™ FlexWrap™ NF	DuPont™ FlexWrap™ EZ	DuPont™ Flashing Tape	DuPont™ StraightFlash™	DuPont™ StraightFlash™ VF
<b>Face Sheet</b>	Micro-creped, polyethylene laminate (white)	Micro-creped, polyethylene laminate (white)	Polypropylene film	Spunbonded polyethylene laminate (white)	Spunbonded polyethylene laminate (white)
<b>Adhesive*</b>	Butyl Rubber (black)	Butyl Rubber (black)	Butyl Rubber (black)	Butyl rubber (black)	Transposed dual sided adhesive for continuous integration; Butyl rubber (black)
<b>Thickness</b>	64 mil (1,620 microns)	64 mil (1,620 microns)	20 mil (507 microns)	30 mil (760 microns)	30 mil (760 microns)
<b>Release Liner</b>	1-piece, heavy-duty siliconized paper for 6-inch width product; 2-piece, heavy-duty siliconized paper for 9-inch width product	2-piece, heavy-duty siliconized paper scored release paper	1-piece, heavy duty siliconized paper for 4, 6, 9-inch width product; 3-piece, heavy-duty siliconized paper for 12-inch width product.	2-piece, heavy-duty siliconized, scored release paper	2-piece, heavy-duty siliconized, scored release paper
<b>Dimensions</b>	6- or 9-inch width x 75 feet length, 9-inch width x 15 feet length	2 ¾-inch width x 15 feet length	4, 6, 9, or 12-inch width x 75 feet length, 4-inch width x 33 feet length	4-inch width x 150 feet length, 9-inch width x 125 feet length	6-inch width x 125 feet length, 6-inch width x 25 feet length
<b>Applications</b>	Round top or custom shaped windows, 3-D sill protection, wall interruptions: i.e. dryer vents, hose bibs. Suitable for use on substrates where fasteners cannot be applied.	Wall penetrations: i.e. round pipes, electrical boxes, wires, dryer vents, hose bibs, etc.	Jams and heads of rectangular windows and doors.	Jams and heads of rectangular windows.	Brick mold, non-integral flanged and non-flanged rectangular windows and doors.
<b>UV Resistance</b>	Cover in 270 days	Cover in 270 days	Cover in 120 days	Cover in 270 days	Cover in 270 days

\*Adhesive system is based on 100% butyl elastomer with no asphalt/modified bitumen components.

## PERFORMANCE TESTING

Installed System Water Intrusion Testing (Tested with no exterior cladding). NO leakage at 720 Pa for DuPont™ FlexWrap™ products before thermal aging and after thermal aging (0-180°F)	
ASTM E-331	NO leakage at 300 Pa
ASTM E-331 after thermal aging (0-120°F)	NO leakage at 300 Pa
Water Vapor Permeability (ASTM E-96)	< 1 perm (< 60 ng/Pa.sec.m2)
Application Temperature	Best when installed above 25°F (consult DuPont for primer recommendations)
DuPont™ Flashing Systems products meets the AAMA 711-13 material standard at the highest classification levels:	Class A (no primer) Level 3 Thermal Exposure (80°C/176°F for 7 days)

**WARNING:** DuPont™ Flashing Systems products and their release paper are slippery and should not be walked on. Remove release paper from work area immediately. DuPont™ Flashing Systems products are combustible and should be protected from flame and other high heat sources. If the temperature of DuPont™ Flashing Systems products reach 700°F (307°C) they will burn and the fire may spread and fall away from the point of ignition.

For more information, please visit  
[www.weatherization.tyvek.com](http://www.weatherization.tyvek.com) or call  
 1-800-44-Tyvek







# DuPont™ Flashing Tape

Seals Against Air and Water Intrusion Around Windows and Doors

## FEATURES/BENEFITS

### Description

DuPont™ Flashing Tape is a self-adhered flashing tape made from polypropylene film with a butyl rubber adhesive backing. Engineered to withstand the rigors of the job site, DuPont™ Flashing Tape helps create a durable seal against water intrusion around heads and jambs of rectangular windows and doors.

In addition to bulk water holdout, DuPont™ Flashing Tape helps control air leakage. Where windows and doors interface with sheathing or the weather barrier, DuPont™ Flashing Tape can help keep heated and cooled air in – and exterior air out – more effectively.

As part of a complete building envelope system, DuPont™ Flashing Tape will help reduce the risk of water damage, increase building comfort, and improve energy efficiency.

### Ease of Use

- 100% butyl adhesive\* with excellent adhesion to most common building materials
- Maintains a forgiving initial tack, allowing for repositioning with its lightweight release liner
- DuPont™ Flashing Tape can be installed at external temperatures as low as 25°F (-4°C)
- Thermally stable polyolefin top-sheet will not deteriorate or stain after extended exposure to temperature up to 180°F (82°C).
- Aids in the longevity of a home's life
- Features multiple size offerings for many applications
- Backed by a 10-year limited product warranty

### Available Sizes

DuPont™ Flashing Tape comes in 4", 6", 9" and 12" roll widths:

- 4" x 33' – For smaller or single use applications such as to flash a standard flanged door or a flanged window.
- 4" x 75' – For flashing jambs & heads of standard integral flange residential windows.
- 6" x 75' and 9" x 75' – For applications requiring better coverage on the head of the window (such as flashing onto rough-side OSB).
- 12" x 75' – For enhanced protection of deep window sills and inside and outside corner-flashings often used in multi-family construction. Features a 3-piece, heavy-duty siliconized paper release liner for easier product installation.

### High Performance Durability

- Meets the AAMA 711-13 material standard: Class A (no primer) and Level 3 Thermal Exposure.
- In installed system water intrusion testing with no exterior cladding, DuPont™ Flashing Tape performed to ASTM E-331 standards, and shows no leakage at 300 Pa, even after thermal aging to 120°F.
- Withstands up to 120 days UV exposure

### Complete System

DuPont™ Flashing Tape is compatible with all DuPont™ Tyvek® air and water barriers and other building envelope products.

## PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing specifications that include this product.

Test Method	Property	Typical Value
ASTM E-331 ASTM E-331 after thermal aging (0-120°F)	Installed System Water Intrusion Testing (Tested with no exterior cladding)	NO leakage at 300 Pa NO leakage at 300 Pa
ASTM E-96	Water Vapor Permeability	< 1 perm (< 60 ng/Pa.sec.m²)
-	Application Temperature	Best when installed above 25°F (consult DuPont for primer recommendations)
	Dupont Flashing Systems Products Meet the AAMA 711-13 Material Standard at the Highest Classification Levels	Class A (no primer) Level 3 Thermal Exposure (80°C/176°F for 7 days)

\* Adhesive system is based on 100% butyl elastomer with no asphalt/modified bitumen components.



# DuPont™ FlexWrap™

Extendable, Conformable, Self-Adhered Butyl Flashing for Windows, Doors and Other Wall Penetrations



## FEATURES/BENEFITS

### Description

DuPont™ FlexWrap™ is a premium performance, extendable self-adhered flashing material that can be applied over a wide range of building substances, including non-nailable sheathing materials like PS foam board, fiberboard, concrete masonry unit (CMU) and other such materials. Unlike competitors, FlexWrap™ does not require the use of mechanical fasteners in the flexed corner areas.

FlexWrap™ also flashes round-top or custom-shaped windows in a seamless manner, eliminating the need to cut and place individual pieces of conventional flashing on an arched opening.

### Ease of Use

- Adheres to most common building materials
- Packaged in ready-to-use 6", 9" x 75' rolls or 9" x 15' rolls"
- Can be installed at external temperatures as low as -4°C (25°F) as long as the surface is clean and free from frost and ice.

### Air and Water Barrier Performance

- FlexWrap™ integrates easily with all DuPont air and water barriers, to help seal the building envelope for improved durability and energy efficiency.
- Helps to facilitate the creation of airtight and water tight seals around windows, door sills, chimney breasts, pipe penetrations, and any custom shapes, which can help prevent water damage, such as wood rot and corrosion, as well as mold.
- Meets the AAMA 711-13 material standard at the highest classification levels: Class A (no primer) and Level 3 Thermal Exposure (80°C / 176°F for 7 days)
- Meets and Exceeds ASTM E331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference: no leakage at 300 Pa (equivalent to 50 mph windload), even after thermal aging (0-120°F)
- FlexWrap™ is backed by a 10-year limited warranty.

### High Performance Durability

- Extendable flashing constructed with a durable, microcreped DuPont™ top-sheet, a premium butyl adhesive layer, and a specially designed release liner
- Designed to withstand up to 270 days of UV exposure
- 100% butyl adhesive performs through extreme temperatures.
- Does not contain asphaltic/bitumen adhesive materials which many window manufacturers prohibit due to adverse material reactions, such as black staining, oozing, and deformation over time, particularly with vinyl flanges.

### Complete System

For optimal protection on all your building projects, use DuPont™ FlexWrap™ with the complete line of DuPont building envelope systems products.

## PROPERTIES

Read all instructions and (Material) Safety Data Sheet ((M)SDS). Please contact DuPont™ at 1-800-448-9835 when additional guidance is required for writing specifications that include this product.

Installed System Water Intrusion Testing (Tested with no exterior cladding). NO leakage at 720 Pa for DuPont™ FlexWrap™ products before thermal aging and after thermal aging (0–180°F)

**TABLE 1: Performance Testing for FlexWrap**

Test Method	Property	Property
ASTM E-331 ASTM E-331 after thermal aging (0-120°F)	Installed System Water Intrusion Testing	NO leakage at 300 Pa NO leakage at 300 Pa
ASTM E-96	Water Vapor Permeability	< 1 perm (< 60 ng/Pa.sec.m <sup>2</sup> )
-	Application Temperature	Best when installed above 25°F*
AAMA 711-13	Material Standard for Self-Adhering Flashing Surrounding Exterior Wall Fenestration	Class A (no primer) Level 3 Thermal Exposure (80°C/176°F for 7 days)

\* Consult DuPont for primer recommendations



**For more information visit us at  
building.dupont.com  
or call 1-800-448-9835**

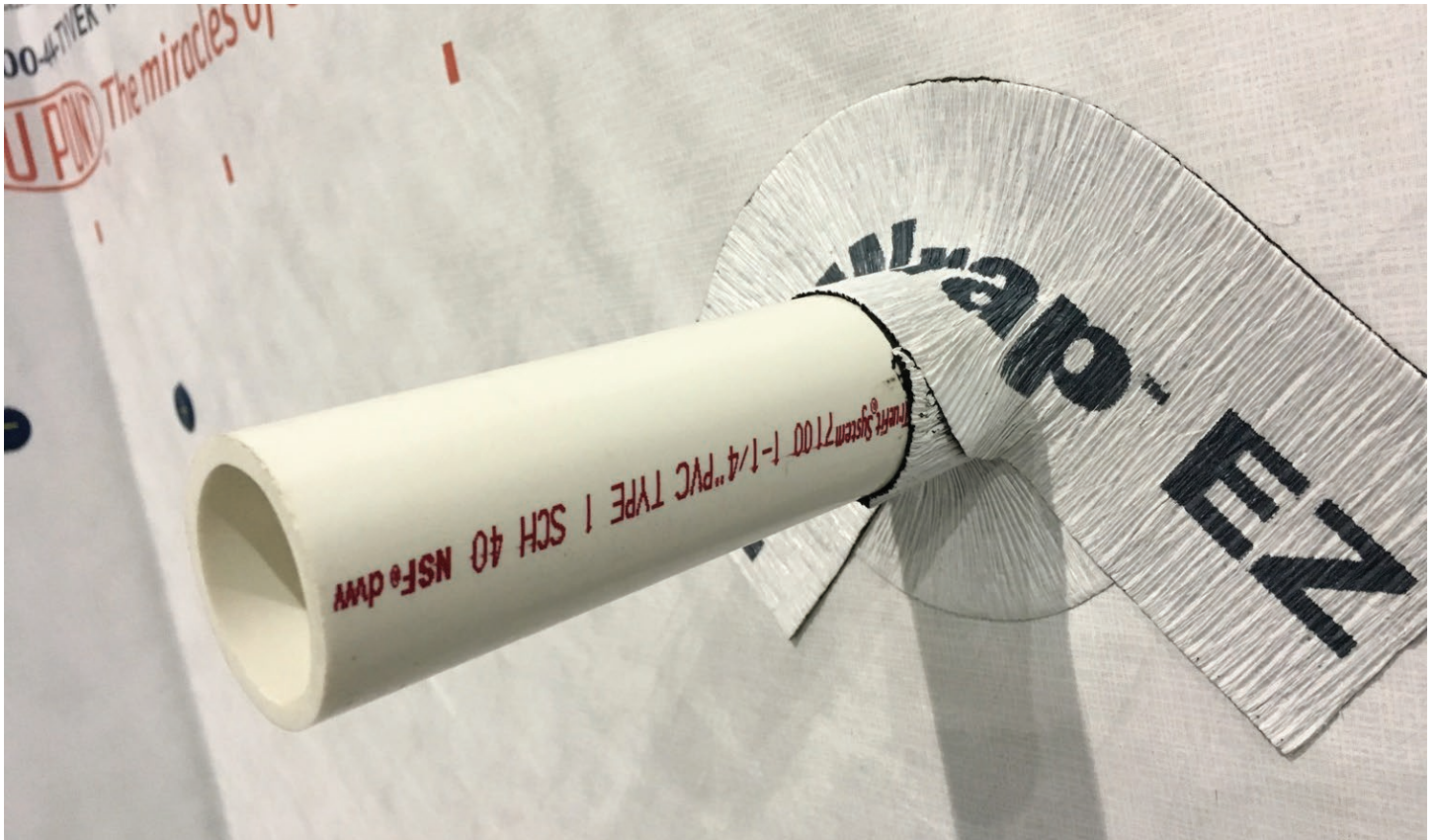
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43-D100054-enNA-1119 CDP

# DuPont™ FlexWrap™ EZ

Versatile Self-Adhered Flashing for Non-Flanged Objects



## FEATURES/BENEFITS

### Description

DuPont™ FlexWrap™ EZ is a flexible, extendable self-adhered tape with a 100% butyl-based adhesive layer that creates an air and water-tight seal around penetrations of all different shapes and sizes. FlexWrap™ EZ provides an option for home builders, trade contractors and remodelers to easily seal around non-flanged objects that penetrate the building envelope.

Suitable for both residential and commercial applications, FlexWrap™ EZ is ideal for flashing around many smaller wall protrusions like plumbing and HVAC components, vents, wires, exterior electrical outlets, exterior lights, exhaust fans, dryer vents, hose bibs, gas lines and more – a fast and easy solution to help improve energy efficiency and the durability of a wall system.

### Complete System

FlexWrap™ EZ is a part of a complete DuPont™ Tyvek® Building Envelope Solution that helps to improve the energy efficiency and durability of buildings.

### Ease of Use

FlexWrap™ EZ is easy to handle and install. Some features and benefits include:

- Flexibility – easy to install around penetrations of all shapes and sizes
- Versatility – adheres to most common building materials
- Durability – 100% butyl adhesive performs through temperatures as low as -4°C (25°F) to create a lasting airtight seal
- Efficiency – just one roll completely covers and improves the energy efficiency of an average-sized home
- Simple installation with 2-piece, heavy-duty, scored release paper
- Withstands up to nine (9) months (270 days) of UV exposure
- Does not contain asphaltic/bitumen adhesive materials prohibited by many window manufacturers due to adverse material reactions

### Available Sizes

FlexWrap™ EZ is packaged in ready-to-use 2 3/4" wide x 15' long rolls.

## PROPERTIES

DuPont™ FlexWrap™ EZ exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing specifications that include this product.

**TABLE 1: Performance Testing for FlexWrap™ EZ**

Test Method	Property	Property
ASTM E-331 ASTM E-331 after thermal aging (0-120°F)	Installed System Water Intrusion Testing	NO leakage at 300 Pa NO leakage at 300 Pa
ASTM E-96	Water Vapor Permeability	< 1 perm (< 60 ng/Pa.sec.m <sup>2</sup> )
-	Application Temperature	Best when installed above 25°F*
AAMA 711-13	Material Standard for Self-Adhering Flashing Surrounding Exterior Wall Fenestration	Class A (no primer) Level 3 Thermal Exposure (80°C/176°F for 7 days)

\* Consult DuPont for primer recommendations



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or call 1-800-448-9835**

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43-D100133-enNA-1119 CDP

# DuPont™ StraightFlash™

Flashing Protection for Straight Jambs and Heads of Windows and Doors



## FEATURES/BENEFITS

### Description

DuPont™ StraightFlash™ is an innovative, single-sided, self-adhered flashing solution that bridges the gap between the rough opening and building envelope to protect against water intrusion around heads and jambs of rectangular doors, windows and other gaps. By sealing vulnerable areas around openings, DuPont™ StraightFlash™ can help improve the durability and energy efficiency of both homes and commercial structures.

DuPont™ StraightFlash™ flashing combines a DuPont™ Tyvek® topsheet with a 100% butyl-based adhesive layer, merging the strength, durability and water resistance of Tyvek® material with the convenience and flexibility of a self-adhered flashing. The result: premium door and window flashing protection that keeps rain out and integrates seamlessly with other DuPont™ air and water barriers in a complete building envelope system.

### Available Sizes

DuPont™ StraightFlash™ is packaged in ready-to-use 4" x 150' or 9" x 125' rolls in an easy dispensing carton

### Ease of Use

- 100% butyl sealant provides excellent adhesion to most common building materials
- Constructed with a tear-resistant, micro-creped DuPont™ Tyvek® top-sheet and specially-designed, quick-release, scored release liner
- Forgiving initial tack provides ability to correct installation mistakes
- Can be installed at external temperatures as low as -4°C (25°F) as long as the surface is clean and free from frost and ice
- Qualified to several key industry-approved standards, including AAMA 711-07 Voluntary Specification for Self-Adhering Flashing Used for Installation of Exterior Wall Fenestration Products
- Does not contain asphaltic / bitumen adhesive materials which many window manufacturers prohibit due to adverse material reactions.
- Withstands up to nine (9) months (270 days) of UV exposure
- Backed by a limited product warranty from DuPont

### High Performance Durability

The gap between rough openings for doors and windows is a vulnerable weak point for water penetration into walls. Sealing it with DuPont™ StraightFlash™ helps prevent water intrusion by stopping potential water damage – from rot and corrosion to mold – before it starts, resulting in a more durable wall assembly. And by helping to prevent air and water leakage, DuPont™ StraightFlash™ can also preserve the installed R-Value of insulation, making buildings more energy efficient.

### Complete System

DuPont™ StraightFlash™ is compatible with all DuPont™ Tyvek® air and water barriers and other building envelope products.

### Sustainable Solutions

When used as part of a DuPont™ Building Envelope system, DuPont™ StraightFlash™ door and window flashing can also help contribute towards U.S. Green Building Council LEED® points.

## PROPERTIES

DuPont™ StraightFlash™ exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing specifications that include this product.

**TABLE 1: Performance Testing for DuPont™ StraightFlash™**

Property	Test Method	Typical Value
Installed System Water Intrusion Testing	ASTM E-331	NO leakage at 300 Pa
	ASTM-E331 (after thermal aging (0-120°F))	
Water Vapor Permeability	ASTM E-96	<1 Perm (<60 ng/Pa.sec.m2)
Application Temperature	---	Best when installed above 25°F*
Material Standard for Self-Adhering Flashing Surrounding Exterior Wall Fenestration	AAMA 711-13	Class A (no primer)
		Level 3 Thermal Exposure (80°C/176°F for 7 days)

\* Consult DuPont for primer recommendations



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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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43-D100135-enNA-1119 CDP



# DuPont™ StraightFlash™ VF

## Flashing for Non-Flanged and Brick Mold Windows and Doors

### FEATURES/BENEFITS

#### Description

DuPont™ StraightFlash™ VF\* is an innovative, self-adhered window and door flashing for non-flanged and brick mold windows and doors. It features specially designed release papers with dual-sided butyl adhesive, scored backing and a forgiving initial tack, enabling quick and easier installation.

DuPont™ StraightFlash™ VF provides a reliable moisture seal to integrate brick mold, non-integral flanged and non-flanged windows and doors with the building envelope. Uniquely designed release papers allow DuPont™ StraightFlash™ VF to tie the window or door frame directly to the sheathing or water-resistive barrier to protect from bulk water leaks and supply buildings with superior protection against the elements.

#### Ease of Use

- Constructed with a durable, micro-creped DuPont™ Tyvek® top-sheet, a 100% butyl adhesive layer and a specially designed, scored release liner
- Tough and tear-resistant, with a forgiving initial tack allowing for the ability to reposition and correct installation mistakes
- Provides excellent adhesion to most common building materials and can be installed at external temperatures as low as -4°C (25°F) as long as the surface is clean and free from frost and ice.
- Contains no asphaltic/bitumen adhesive materials which many window manufacturers prohibit due to adverse material reactions, such as black staining, oozing, and deformation over time, particularly with vinyl flanges.
- Meets the AAMA 711-13 material standard at the highest classification levels: Class A (no primer) and Level 3 Thermal Exposure (80°C / 176°F for 7 days)
- Meets and Exceeds ASTM E331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference: no leakage at 300 Pa (equivalent to 50 mph windload), even after thermal aging (0-120°F)
- Designed to withstand up to 270 days of UV exposure



#### Available Sizes

DuPont™ StraightFlash™ VF is available in convenient 6" x 25 ft rolls, or ready-to-use 6" x 125 ft rolls in an easy dispensing carton.

#### Sustainable Solutions

When used as part of the DuPont Weatherization System, DuPont™ StraightFlash™ VF also helps contribute towards U.S. Green Building Council LEED® points, LEED® for Homes points, and The National Green Building Standard™, as well as helping to create more sustainable, durable structures.

#### Complete System

DuPont™ StraightFlash™ VF integrates easily with other DuPont™ weatherization products, including Tyvek® air and water barriers to help seal the building envelope. By protecting against water intrusion, DuPont™ StraightFlash™ VF helps prevent water damage to windows and doors and improves the durability and energy efficiency of the wall system.

## PROPERTIES

DuPont™ StraightFlash™ VF exhibits physical properties as indicated in Table 1 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use.

Please contact DuPont at 1-800-448-9835 when additional guidance is required for writing specifications that include this product.

**TABLE 1: Performance Testing for DuPont™ StraightFlash™ VF**

Property	Test Method	Typical Value
Installed System Water Intrusion Testing	ASTM E-331	NO leakage at 300 Pa
Water Vapor Permeabilit.	ASTM-E331 (after thermal aging (0-120°F))	<1 Perm (<60 ng/Pa.sec.m2)
Application Temperature	_____	Best when installed above 25°F*
Material Standard for Self-Adhering Flashing Surrounding Exterior Wall Fenestration	AAMA 711-13	Class A (no primer) Level 3 Thermal Exposure (80°C/176°F for 7 days)

\* Consult DuPont for primer recommendations

## INSTALLATION

Refer to DuPont™ Flashing Systems Installation Guidelines for complete installation instructions.

### Use Conditions

- DuPont™ Flashing System products perform best when installed at temperatures above 25°F (-4°C).
- DuPont™ Flashing Systems products should be installed on clean, dry surfaces that are free of frost. Wipe surfaces to remove moisture, dirt, grease and other debris that could interfere with adhesion.
- DuPont™ Flashing Systems products should not be installed over cap fasteners.
- Door and window rough sill framing must be level or slightly sloped to the exterior to ensure proper drainage. This best practice ensures continuous support with positive slope to the exterior.

### Preparation

- Priming is generally not required for adhering DuPont™ Flashing Systems products to most common building materials. However, adverse weather conditions or cold temperatures may require use of a primer to promote adhesion.
- Concrete, masonry and glass mat gypsum sheathing require the use of approved primers.

### Application

- Remove all wrinkles and bubbles that may allow for water intrusion by smoothing surface and repositioning as necessary.
- Apply pressure along the entire surface of flashing for a good bond using a J-roller or firm hand pressure.

## Electrical Box Panel



### PANEL INSTALLATION:

Step 1) Push panel on over electrical box. Panel collar edge **MUST** be flush with box opening edge.

### LATHING INSTRUCTIONS:

Step 1) Place building paper (weather resistive barrier) up behind bottom of panel to bottom of box.



Step 2) Place 2nd layer of building paper over top of panel to bottom front edge or further down. Cut paper around protrusion. Now, ready for your choice of exterior finishes.

(IMPORTANT: See Quickflash's Electrical Cross Reference Sheet for box compatibility)

## Plumbing Pipe Panel



### PANEL INSTALLATION:

Step 1) Push panel on over pipe (flush with structure) for a no caulk weatherproof seal.

### LATHING INSTRUCTIONS:

Step 1) Place building paper (weather resistive barrier) up behind bottom of panel to bottom of pipe.



Step 2) Place 2nd layer of building paper over top of panel to bottom front edge or further down. Cut paper around protrusion. Now, ready for your choice of exterior finishes.

## Plumbing Flashing Panels



**P-50: PLUMBING FLASHING PANEL**  
Fits 1/2" to 3/4" sized pipes - copper, rigid, PVC and ABS  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)  
**(NOTE: also used with electrical pipes through brick and stone veneers)**



**P-100: PLUMBING FLASHING PANEL**  
Fits 1" to 1 1/4" sized pipes - copper, rigid, PVC and ABS  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)  
**(NOTE: also used with electrical pipes through brick and stone veneers)**



**P-150: PLUMBING FLASHING PANEL**  
Fits 1 1/2" to 1 3/4" sized pipes - copper, rigid, PVC and ABS  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)  
**(NOTE: also used with electrical pipes through brick and stone veneers)**



**P-200: PLUMBING FLASHING PANEL**  
Fits 2" to 2 1/2" sized pipes - copper, rigid, PVC and ABS  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)  
**(NOTE: also used with electrical pipes through brick and stone veneers)**



**P-300: PLUMBING FLASHING PANEL**  
Fits 3" ABS sized pipe  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**P-400: PLUMBING FLASHING PANEL**  
Fits 4" ABS sized pipe  
12 1/2" x 12 1/2" x 3/16" (sold in boxes of 12 only)



**P-600: PLUMBING FLASHING PANEL**  
Fits 6" Sheet Metal Duct  
12 1/2" x 12 1/2" x 3/16" (sold in boxes of 12 only)



**P-2PS: PLUMBING FLASHING PANEL**  
Two piece system. Used on copper pipes with exterior T's sweated on. Cut out center to fit around 1/2" to 2" sized copper pipes.  
**(IMPORTANT: caulking is required to make seal at pipe to panel)**  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 only)

## Electrical Flashing Panels



**E-SGB: ELECTRICAL SINGLE GANG BOX FLASHING PANEL**  
Used on 3-Coat Stucco and Lap Siding.  
Fits Specified Electrical Single Gang Plastic Boxes Only  
**(IMPORTANT: See Quickflash's Electrical Cross Reference Sheet for Box Compatibility)**  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**E-SGB-A 7/8": ELECTRICAL SINGLE GANG BOX FLASHING PANEL**  
Used on 3-Coat Stucco.  
Fits Allied Moulded Electrical Single Gang Box (part # 9327-N ONLY)  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**E-SGB-A 1 3/8": ELECTRICAL SINGLE GANG BOX FLASHING PANEL**  
Used on 1-Coat Stucco & EIFS Systems.  
Fits Allied Moulded Electrical Single Gang Box (part # 9327-N ONLY)  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**E-SGR: ELECTRICAL SINGLE GANG 1/2" RAISED PLASTER RING COVER FLASHING PANEL**  
Used on 3-Coat Stucco and Lap Siding. For Plastic "P" or "Mud" rings. Fits Specified Electrical Single Gang Raised Plastic Ring Cover Only  
**(IMPORTANT: See Quickflash's Electrical Cross Reference Sheet for Box Compatibility)**  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**E-3/0 B: ELECTRICAL 3/0 BOX FLASHING PANEL**  
Used on 3-Coat Stucco and Lap Siding. Fits Specified Electrical 3/0 Plastic Boxes Only  
**(IMPORTANT: See Quickflash's Electrical Cross Reference Sheet for Box Compatibility)**  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**E-3/0 B-A 7/8": ELECTRICAL 3/0 BOX FLASHING PANEL**  
Used on 3-Coat Stucco.  
Fits Allied Moulded Electrical 3/0 Boxes (part #'s 9335-HNK, 9335-HNGK ONLY)  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**E-3/0 B-A 1 3/8": ELECTRICAL 3/0 BOX FLASHING PANEL**  
Used on 1-Coat Stucco & EIFS Systems.  
Fits Allied Moulded Electrical 3/0 Boxes (part #'s 9335-HNK, 9335-HNGK ONLY)  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**E-4/0 B: ELECTRICAL 4/0 BOX FLASHING PANEL**  
Used on 3-Coat Stucco and Lap Siding. Fits Specified Electrical 4/0 Plastic Boxes Only  
**(IMPORTANT: See Quickflash's Electrical Cross Reference Sheet for Box Compatibility)**  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**E-PC 3/0: ELECTRICAL PANCAKE 3/0 BOX FLASHING PANEL**  
Used on 3-Coat Stucco and Lap Siding. Fits Specified Electrical Pancake 3/0 Metal Boxes Only  
**(IMPORTANT: See Quickflash's Electrical Cross Reference Sheet for Box Compatibility)**  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)



**E-PC 4/0: ELECTRICAL PANCAKE 4/0 BOX FLASHING PANEL**  
Used on 3-Coat Stucco and Lap Siding. Fits Specified Electrical Pancake 4/0 Metal Boxes Only  
**(IMPORTANT: See Quickflash's Electrical Cross Reference Sheet for Box Compatibility)**  
11 1/4" x 11 1/4" x 3/16" (sold in boxes of 12 or 24 only)

(Note: Electrical Boxes not included)

# DuPont™ Tyvek® Tape

Waterproof Seam Tape for Maximum Reduction of Air and Water Infiltration



## FEATURES/BENEFITS

### Description

Using a quality weather barrier on a commercial building is as important as installing it properly. Taping the seams after wrapping – in addition to taping any tears or holes – is the best practice for maximum reduction of air and water intrusion into the building envelope. Finish the building envelope with the superior seam tape – DuPont™ Tyvek® Tape.

Tyvek® Tape works when other tapes won't, sealing seams for a continuous protective barrier against air and water infiltration. It features a specially engineered adhesive to create the best adhesion to DuPont™ Tyvek® Weather Barrier Systems in any climate. As part of a complete building envelope system, DuPont™ Flashing Tape will help reduce the risk of water damage, increase building comfort, and improve energy efficiency.

### Air and Water Barrier Performance

Tyvek® Tape is strong, easy to use, and highly waterproof. It is constructed of an oriented polypropylene film, coated with a specially formulated permanent acrylic adhesive to create the best adhesion between seam tape and DuPont™ Tyvek® weather barriers. Some features and benefits include:

- Durability – strong, high tack, easy to use and waterproof
- Heat/cold resistance – withstands temperature extremes from -40°F to 220°F
- Pliability – no cracking when bent around 5 mm mandrel @ -4°
- Quality engineering – covered with UV-resistant, biaxially-oriented polypropylene film coated with a specially formulated permanent acrylic adhesive
- Compliance – Tyvek® Tape is compliant to the Canadian Construction Materials Centre Technical Guide for Sheathing Tape (CCMC 07281) testing standard

## Available Sizes

**TABLE 1: Stock Sizes for Tyvek® Tape**

Product/Size	Packaging	Quantity
1.88" x 54.6 yds.	bulk packed	36 rolls/case
1.88" x 54.6 yds.	individually retail wrapped	36 rolls/case
2.82" x 54.6 yds.	bulk packed	24 rolls/case
2" Tape Dispenser	bulk packed	70 units/case
3" Tape Dispenser	individually boxed	20 units/case

## Complete System

For maximum protection against air and water infiltration in homes, use DuPont™ Tyvek® Tape with DuPont™ Tyvek® Weatherization Systems, including Tyvek® CommercialWrap®, Tyvek® HomeWrap®, Tyvek® StuccoWrap®, Tyvek® DrainWrap™, DuPont™ Flashing Systems and Tyvek® Wrap Caps.

## Sustainable Solutions

From a single family home to an office tower, air and water infiltration can make insulation significantly less effective, heating and air conditioning more costly. Tyvek® Tape contributes to energy efficiency by helping to seal the building envelope, which controls air flow and water intrusion in the wall assembly.

As part of an overall building envelope system with other Tyvek® materials, Tyvek® Tape can:

- Allow systems to meet requirements of ASHRAE 90.1 and IECC Air Leakage Requirements, when tested in accordance with ASTM E2357.
- Allow systems to meet requirements of Wisconsin Energy code (ASTM E1677 and/or ASTM E23571).
- Help contribute towards LEED® (Leadership in Energy and Environmental Design) points.

## PROPERTIES

Tyvek® Tape exhibits physical properties as indicated in Table 2 when tested as represented. Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use. Please contact DuPont at 1-800-488-9835 when additional guidance is required for writing specifications that include this product.

**TABLE 2: Physical Properties for DuPont™ Tyvek® Tape**

Property	Typical Value	Units
Roll length	50 (54.68)	meters (yards)
Tensile strength	27	lbs./in.
Elongation	125	% by length, max.
Caliper (total/adhesive/backing)	3.0/1.6/1.4	mm.
Wet grab adhesion	50	oz./in.
Peel adhesion	40	oz./in.
180 degree peel adhesion (immediate)	24.0	oz.in.
180 degree peel adhesion (after 72 h. dwell)	35.0	oz.in.
Temperature resistance	-40 to 220	°F
Pliability	No cracking when bent around mandrel	5 mm., -4°F
Moisture vapor transmission rate (@ 100°F and 90% relative humidity)	0.3	g/100 in <sup>2</sup> /24 h.



**For more information visit us at  
tyvek.com  
or call 1-800-448-9835**

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43-D100065-enNA-1119 CDP



# DuPont Weatherization Sealant

## PHYSICAL PROPERTIES DATA SHEET AND APPLICATION INSTRUCTIONS

### ALL CLIMATE FORMULATION

PROPERTIES	METHOD	DUPONT WEATHERIZATION SEALANT
Extrusion Rate	ASTM C-731 (g/sec) (75°F, 50% RH)	8–25*
Joint Movement	ASTM C-793 (%)	± 25
Wet Peel Adhesion	ASTM C-704 [Aluminum] (Cohesive Failure) [Glass] (lbs/linear inch) [Cement]	20 – 28 25 – 28 14 – 24 (Substrate Failure)
Channel Slump/SAG	ASTM C-639	None
Tack Free Time/Skin Time	ASTM C-679 (mins)	60
Hardness	ASTM C-661	13 ± 2
Tensile Strength	ASTM D-2370 (PSI)	> 150
Elongation	ASTM D-2370 (%)	> 800

PERFORMANCE STANDARD	METHOD	DUPONT WEATHERIZATION SEALANT
AAMA	808.3 Compliant	Pass
ASTM	C-834 Type OP	Pass
ASTM	C-920 Class 25	Pass

These values represent batch averages. Individual batch results may differ due to normal manufacturing variations.

\*Normal application temperatures above 32°F to 120°F (480 - 1500 g/min).

DuPont™  
**Tyvek®**  
Weatherization Systems

## DuPont Weatherization Sealant Application Instructions

### **Recommendations:**

- A: For best results bonding surfaces must be clear and clean of all debris, dirt, oil, grease, old caulk and other contaminants.
- B. For gaps greater than 1/2" wide and deeper than 1/4", consider the use of backer rod or bond breaker tape.
- C. Apply product only when sealant and surface temperatures are above freezing and rising.
- D. Do not apply on surfaces greater than 120°F.
- E. Do not apply if rain is expected and area to be sealed is exposed to the rain.
- F. Cured sealant bead should be between 1/8" and 1/2" wide.
- G. One tube of sealant will deliver 56 feet of a 3/16" bead.

### **Procedure:**

1. Clean surfaces to be caulked to ensure proper adhesion.
2. For larger gaps insert backer rod or bond breaker tape into the gap to be sealed.
3. Insert the caulk tube into the caulk gun.
4. Using a knife or similar cutting device cut the dispensing nozzle at a 45° angle.
5. While slowly squeezing the caulk gun trigger, gently push the sealant nozzle along the gap to be sealed. Ensure complete contact is made on both surfaces being sealed.
6. If desired, use a clean moist cloth to smooth the sealant bead.
7. When finished clean tools with soap and water.
- 8.

DuPont™  
**Tyvek®**  
Weatherization Systems



# DuPont™ Tyvek® Commercial Wrap Caps

## The Wrap Cap Screw for Commercial Steel Stud Applications

### FEATURES AND BENEFITS

#### Description

Why use a DuPont™ Tyvek® Commercial Wrap Cap with a screw? Quality contractors and installers have been asking for an easy way to secure Tyvek® products to steel studs. They also asked for increased holding power. That's why we designed the Tyvek® Commercial Wrap Cap Screw as the solution for quality commercial and steel stud installations.

The Tyvek® Commercial Wrap Cap Screw is a full drill point screw with an attached 2" plastic cap for use in steel stud applications (12 gauge to 20 gauge). It is recommended for fastening any Tyvek® product – and ideal for commercial applications.

Wrap Cap Screws with a 2" plastic disc reduce the potential for jobsite blow-off of wrap, delivering increased fastener holding power over traditional 1" plastic and metal caps.

#### Ease of Use

##### 1 3/4" Steel Stud Screw

- Can be applied by hand or drill
- Self-tapping drill point screw, #8 shank with a modified truss head style (Phillips head)
- Screws are coated with an organic fluoropolymer for improved rust protection
- Drill bit included in each box, for ease of installation
- Screws are ore-attached to Wrap Caps for quick installation

##### 2" Wrap Cap

- Constructed of high-density polyethylene with UV inhibitors
- Large diameter cap increases fastener holding power, reducing the potential for job-site blow-off of wrap
- Large plastic cap provides additional protection around fastener penetrations
- Large diameter cap permits easy handling and installation



**TABLE 1: Product Specifications for Tyvek® Commercial Wrap Caps**

Product	Type	Screw Length	Box Count	Box OD (lwd)	Weight Each
2" Dia. Wrap Cap Screws	Hand Drive or Electric Drive	1 3/4"	1000	12"x 12" x 14"	14.5 lb

#### Product Guarantee

DuPont will replace any Tyvek® product damaged during installation by weather or normal handling if it is installed according to procedures published by DuPont. If you have any questions, call **DuPont Tyvek®** at 1-800-448-9835.



# J-Roller



Recommended option by DuPont for installing the **DuPont™ Flashing System**.

Specially designed to give 30-40 PSI for positive bonding.

Sold per piece or 5 J-Rollers per case.



## Product details

Gives 30-40 PSI for positive bonding. The 1-1/2" diameter x 3" wide rubber roller has no axle projection on one end, for scratchless flush work.

The handle is 1/2" diameter sturdy lightweight aluminum alloy, and has two soft vinyl hand grips. Nonmarking. Overall length is 12-1/2" and weighs 1/2 lb. Economically priced!

## To place orders

Fax 1-866-550-0225 or email [orders@weatherizationpartners.com](mailto:orders@weatherizationpartners.com)  
For questions/quotes call 800-288-9835 or visit [WeatherizationPartners.com](http://WeatherizationPartners.com)



# Great Stuff Pro™ Window & Door Polyurethane Foam Sealant

Creates an Airtight Seal for Windows & Doors

## FEATURES/BENEFITS

### Description

Great Stuff Pro™ Window & Door Polyurethane Foam Sealant\* is a one component, expanding, low pressure-build,\*\* flexible polyurethane foam exclusively formulated to air seal the gap around a window or door frame and the rough opening. The foam expands to generate an effective seal, and when applied properly is proven not to distort or bow window and door frames.

### Ease of Use

Great Stuff Pro™ Window & Door is designed to form a durable, airtight, water-resistant bond to vinyl, wood and metal surfaces.

Its foam skin repels and deflects water, which can help reduce the potential for moisture damage in frame openings. **Great Stuff Pro™ Window & Door:**

- Expands to take the shape of cracks and gaps, helping stop drafts
- Reduces pathways where insects can enter
- Becomes tack free in 3-10 min., trims within 60 minutes, fully cured in 8 hours\*\*\*
- Features adjustable bead size and 30 day restartability

## PROPERTIES

Review all instructions and (Material) Safety Data Sheet ((M)SDS) before use.

**TABLE 1: Sizes and Estimated Yields for Great Stuff Pro™ Window & Door Polyurethane Foam Sealant**

Can Size, oz	Delivery	No. of Windows <sup>1</sup>
20	Gun	16 -18

<sup>1</sup> Estimated yield under ideal conditions for 36" x 60" window, 3/8" wide gap, 1" deep, 3/8" bead

**TABLE 2: Great Stuff Pro™ Window & Door Polyurethane Foam Sealant Approvals/Classifications**

Standard	Result
AAMA 812-04	Conforms to standard at 0.13 psi; 0.90 kPa (average) pressure-build (gun-applied foam)
UL Classified	Classified per UL 723 as under UL File R13655
ICC-ES ESR-1961	Evaluated as an insulating sealant

**TABLE 3: Physical Properties<sup>1</sup> of Great Stuff Pro™ Window & Door Polyurethane Foam Sealant**

Test Method	Property	Typical Value	Units
ASTM D1621	Compressive Strength, parallel to rise	3.0 (20.68)	psi (kPa)
ASTM D1622	Apparent Density	1.29 (20.66)	pcf (kg/m <sup>3</sup> )
ASTM D2126	Dimensional Stability, % Volume Change at 2 weeks	70°C/100	- 3.346
		70°C/Ambient	3.131
		-40°C/Ambient	2.951
ASTM D6226	Open Cell Content	<75%	%
ASTM D1623	Tensile Strength, parallel to rise	9.5 psi = 65.6 kPa (Type B) 5.5 psi = 37.9 kPa (Type C)	psi (kPa)
ASTM D1623	Elongation	18.9% (Type B) 16.7% (Type C)	%
ASTM C273	Shear Strength	7.3 (50.1)	psi (kPa)
UL723 (ASTM E84) <sup>3</sup>	Flame Spread/Smoke Developed <sup>2</sup>	10/20	-

<sup>1</sup> Not to be considered sales specifications

<sup>2</sup> This numerical flame spread rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

<sup>3</sup> Tested as applied in three - 3/4 inch (19 mm) diameter beads 5 inches (127 mm) on center covering 12.5% of the exposed test sample area

\* Great Stuff Pro™ Window & Door Polyurethane Foam Sealant is a former product of The Dow Chemical Company

\*\* Per AAMA 812-04; refers to pressure development while foam cures.

\*\*\* 70 ± 5 °F and 50 ± 5 % RH, 1 inch bead diameter, 6 inch length. Cure rate is dependent on temperature, humidity and size of foam bead.

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## INSTALLATION

### Application

**Great Stuff Pro™ Window & Door Polyurethane Foam Sealant** should be applied at temperatures between 40°F and 100°F (4°C and 38°C) at relative humidity > 20 percent. Surface where applied should be free of dust, grease, oil, wax and release agents. Damp surfaces will not impair the bond.

### Curing

Fully cures in 8 hours. Foam must be exposed to atmospheric moisture to thoroughly cure. Cured foam must be mechanically removed or allowed to wear off in time.

### Equipment

Using one of several Pro Series foam dispensing guns enables pinpoint application control and no drip dispensing. An air tight and moisture-tight seal between the dispensing gun and the can prevents the foam from curing and blocking the dispensing valve, allowing the can to be reused. **Great Stuff Pro™ Foam Cleaner** simplifies cleanup of uncured polyurethane foam from dispensing guns.

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## TESTING

### Applicable Standards

**Great Stuff Pro™ Window & Door** conforms to **ASTM E2112** – Standard Practice for Installation of Exterior Windows, Doors and Skylights. It has also been tested to the following standards using a 1 cm wide gap assembly:

- **UL723 (ASTM E84)** – Standard Test Method for Surface Burning Characteristics of Building Materials
- **ASTM E283** – Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen
- **ASTM E331** – Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors and Curtain Walls by Uniform Static Air Pressure Difference

- **ASTM C1620** – Standard Specification for Aerosol Polyurethane and Aerosol Latex Foam Sealants
- **ASTM E2178** (modified per CAN/ULC – S710 testing requirements) – Standard Test Method for Air Permeance of Building Materials

For more information on standards/test approvals and classifications, see Table 2.

### Notice

Contact your DuPont sales representative or local authorities for state/provincial and local building code requirements and related acceptances.

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## HANDLING

**WARNING: For Professional Use Only.** Read and follow the entire Safety, Handling, and Storage section and the Safety Data Sheets (SDSs, formerly MSDSs or Material Safety Data Sheets) carefully before use. The information below is designed to protect the user and allow for safe use and handling of **Great Stuff Pro™** products. Follow all applicable federal, state, local and employer regulations.

### Precautionary Statements

- **Great Stuff Pro™ Polyurethane Foam Sealants** contain isocyanate and a flammable blowing agent. Vapor may travel to other rooms. Ensure adequate ventilation. Shut off all pilot lights and extinguish open flames; eliminate all sources of ignition before use. Do not smoke or use lighters or matches while dispensing foam.
- Do not breathe vapor or mist. Use in well-ventilated areas or wear proper respiratory protection. Isocyanate is irritating to the eyes, skin and respiratory system, and may cause sensitization by inhalation or skin contact.
- **Great Stuff Pro™ Window & Door** is very sticky and will adhere to most surfaces and skin. Do not get foam on skin. Wear long sleeves, gloves, and goggles or safety glasses.
- The contents are under pressure. The can may burst if left in areas susceptible to high temperatures, such as motor vehicles, or near radiators, stoves or other sources of heat. Do not place can in water.
- Do not puncture, incinerate or store at temperatures above 120°F (49°C).

Cured **Great Stuff Pro™ Window & Door** is combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). **Great Stuff Pro™ Window & Door** should not be used around heaters, furnaces, fireplaces, recessed lighting fixtures or other applications where the foam may come in contact with heat-conducting surfaces. For proper ventilation of combustion appliances, visit [www.epa.gov/iaq/homes/hipventilation.html](http://www.epa.gov/iaq/homes/hipventilation.html).

Do not inject **Great Stuff Pro™ Window & Door** into large or confined cavities such as behind holes in drywall or under tub wall surrounds where flammable vapors may collect.

### Shelf Life and Storage

**Great Stuff Pro™ Window & Door** has a shelf life of 18 months when stored at 75°F (24°C).

### Disposal

Dispose of any residual **Great Stuff Pro™** product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.



# Great Stuff Pro™ Construction Adhesive

## Fast-Grab, Heavy-Duty All-Weather Adhesive

### FEATURES/BENEFITS

#### Description

Great Stuff Pro™ Construction Adhesive\* is a heavy-duty, single-component, moisture-cured polyurethane foam adhesive specially formulated to bond subfloors, drywall, paneling, foam panels and most construction materials.

Cream in color, Great Stuff Pro™ Construction Adhesive is ideal for anchoring, joining and stabilizing insulated concrete forms and structural insulated panels and, during the pouring stage, can be used to seal gaps in the forms and prevent leakage of the fresh concrete. Better than traditional adhesives because of its excellent bonding power on dry, damp and even frozen lumber, Great Stuff Pro™ Construction Adhesive provides a fast-grab tack and long-term, high-strength bond.

Great Stuff Pro™ Construction Adhesive is designed to:

- Secure subflooring
- Attach drywall
- Fasten paneling
- Secure exterior sheathing

#### Ease of Use

Great Stuff Pro™ Construction Adhesive is easy to apply in various weather conditions. Great Stuff Pro™ Construction Adhesive:

- Creates a long-term, stable bond
- Reduces nail pops in drywall/subfloor and floor/stair squeaks
- Offers 30 day restartability
- Adheres to dry, damp, treated and frozen surfaces
- Can be used under almost all weather conditions for enhanced productivity
- Offers significantly higher yield than traditional caulk adhesives
- Reduces the need for fasteners
- Requires fewer callbacks and repairs

#### Available Sizes

Great Stuff Pro™ Construction Adhesive is available in 26.5 oz (751 g) containers. One container can replace up to 16 quart tubes of traditional caulk adhesive when applied at 1/4" beads.

### PROPERTIES

Read all instructions and (Material) Safety Data Sheet ((M)SDS) before use.

**TABLE 1: Typical Physical Properties of Great Stuff Pro™ Construction Adhesive**

Property and Test Method	Typical Value	Units
Tack-free	14	min. (75°F [24°C], 50% RH)
Initial Bond	Approx. 2	hours**
Full Bond	7	days**
Color	Cream	-
Shelf Life	12	months
Application Temperature	32 to 100 (0 to 38)	°F (°C)

\* Great Stuff Pro™ Construction Adhesive is a former product of The Dow Chemical Company

\*\* When applied properly

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## INSTALLATION

### Use Conditions

To ensure best adhesion performance, **Great Stuff Pro™ Construction Adhesive** should be applied to substrates that are structurally sound and free of standing water, snow, ice, dirt, mud, oil or other loose materials and release agents that may impair adhesion.

### Preparation

- Painted surfaces and protective coatings should be removed, sanded or thoroughly roughened. Concrete and masonry substrates should be cured before bonding.
- Materials should be cut and fit-checked before applying adhesive.
- Shake container vigorously for one minute before dispensing and between uses.

### Application

- **Great Stuff Pro™ Construction Adhesive** is easy to apply using a PRO Series foam dispensing gun. To attach a PRO Series foam dispensing gun, invert can and screw gun onto adapter, then adjust flow control knob to adjust bead size (1/2" [13 mm] recommended).

- Adhesive can be applied in a continuous zigzag bead or in parallel beads, ensuring that the adhesive layer will completely cover joists and framing where wood panels and drywall edges abut.
- Construction material can then be positioned over the substrate, and firm pressure applied. Substrates should be butted together within 10 minutes of dispensing adhesive. If bead has skinned over, it must be scraped off and reapplied.
- Supplemental mechanical fasteners should be installed after applying adhesive for best bond.

### Curing

Initial bond typically occurs within two hours, with full cure in seven days depending on conditions. Cure times will be shorter at higher temperature and humidity, and longer at lower temperature and humidity.

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## TESTING

### Applicable Standards

**Great Stuff Pro™ Construction Adhesive** complies with the following standards:

- **ASTM D3498** – Standard Specification for Adhesives for Field-Gluing Plywood to Lumber Framing for Floor Systems
- **HUD UM 60a** – Performance specification for all flooring adhesive products used in HUD manufactured housing
- **ASTM D6464** – Standard for Expandable Foam Adhesives for Fastening Gypsum Wallboard to Wood Framing
- **California Specifications CA 25-4** – Standard for the Evaluation of Adhesives for Structural Use in Multi-unit Manufactured Housing and Commercial Coach Construction

### Notice

**Great Stuff Pro™ Construction Adhesive** should not be used in continuous underwater applications or on substrates with surface or standing water present. For more information, consult a DuPont sales representative.

## HANDLING

**WARNING: For Professional Use Only.** Read and follow the entire Safety, Handling, and Storage section and the Safety Data Sheets (SDSs, formerly MSDSs or Material Safety Data Sheets) carefully before use. The information below is designed to protect the user and allow for safe use and handling of Great Stuff Pro™ products. Follow all applicable federal, state, local and employer regulations.

### Precautionary Statements

- **Great Stuff Pro™ Construction Adhesive** contains isocyanate and a flammable blowing agent. Vapor may travel to other rooms. Ensure adequate ventilation. Shut off all pilot lights and extinguish open flames; eliminate all sources of ignition before use. Do not smoke or use lighters or matches while dispensing foam.
- Do not breathe vapor or mist. Use in well-ventilated areas or wear proper respiratory protection. Isocyanate is irritating to the eyes, skin and respiratory system, and may cause sensitization by inhalation or skin contact.
- **Great Stuff Pro™ Construction Adhesive** is very sticky and will adhere to most surfaces and skin. Do not get foam on skin. Wear long sleeves, gloves, and goggles or safety glasses. Cured foam must be mechanically removed or allowed to wear off in time.
- The contents are under pressure. The can may burst if left in areas susceptible to high temperatures, such as motor vehicles, or near radiators, stoves or other sources of heat. Do not place can in hot water. Do not puncture, incinerate or store at temperatures above 120°F (49°C).
- **Great Stuff Pro™ Construction Adhesive** should not be used around heaters, furnaces, fireplaces, recessed lighting fixtures or other applications where the foam may come in contact with heat-conducting surfaces. Cured **Great Stuff Pro™ Construction Adhesive** is combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C)

### Clean Up and Purge

Excess adhesive can be cleaned from the substrate while still uncured using a dry cloth, putty knife or paint scraper. Cured adhesive must be mechanically removed.

### Shelf Life and Storage

**Great Stuff Pro™ Construction Adhesive** should be stored between 65°F and 85°F (18°C and 29°C) for fast and easy application performance.

**Great Stuff Pro™ Construction Adhesive** has a shelf life of 12 months when stored in the original closed container. Open containers should be stored upright attached to dispensing gun when not in use. See package labeling for more information.

### Disposal

Dispose of any residual **Great Stuff Pro™** product, coated debris, or solvent in accordance with applicable federal, state, and local government regulations.



**For more information visit us at  
[greatstuffpro.com/constructionadhesive](http://greatstuffpro.com/constructionadhesive)  
or call 1-866-583-2583**

**NOTICE:** No freedom from any patent owned by DuPont or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where DuPont is represented. The claims made may not have been approved for use in all countries or regions. DuPont assumes no obligation or liability for the information in this document. References to "DuPont" or the "Company" mean the DuPont legal entity selling the products to Customer unless otherwise expressly noted. NO EXPRESS WARRANTIES ARE GIVEN EXCEPT FOR ANY APPLICABLE WRITTEN WARRANTIES SPECIFICALLY PROVIDED BY DUPONT. ALL IMPLIED WARRANTIES INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. The buyer assumes all risks as to the use of the material. Buyer's exclusive remedy or any claim (including without limitations, negligence, strict liability, or tort) shall be limited to the refund of the purchase price of the material. Failure to strictly adhere to any recommended procedures shall release DuPont Specialty Products USA, LLC or its affiliates, of all liability with respect to the materials or the use thereof. The information herein is not intended for use by non-professional designers, applicators or other persons who do not purchase or utilize this product in the normal course of their business.

### DuPont Polyurethane Foam Insulation and Sealants

**CAUTION:** When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. Do not expose to temperatures above 240°F (116°C). 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.

**Great Stuff Pro™ Polyurethane Foam Sealant** contains isocyanate and a flammable blowing agent. Read all instructions and (Material) Safety Data Sheet ((M)SDS), carefully before use. Eliminate all sources of ignition before use. Cover all skin. Wear long sleeves, gloves, and safety glasses or goggles. Not for use in aviation, or food/beverage contact, or as structural support in marine applications. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. Not to be used for filling closed cavities or voids such as behind walls and under tub surrounds; this improper use of the product could result in the accumulation of flammable vapors and/or uncured material. Failure to follow the warnings and instructions provided with the product, and/or all applicable rules and regulations, can result in injury or death.

**Great Stuff Pro™ Foam Cleaner** is flammable and contains acetone and propane. Read all instructions and (Material) Safety Data Sheet ((M)SDS) carefully before use. Eliminate all sources of ignition before use. Cover all skin. Wear gloves, and goggles or safety glasses. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure.

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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43-D100059-enNA-0619 CDP







## EXCEEDS ASTM C-920 & TCBSAT-30\*

### FEATURES AND BENEFITS:

- Industry leading durability
- Exceptional resistance to weathering, UV rays & extreme joint movement
- Time savings - simplified application & cleaning process reduces labor
- Seals vertical & horizontal joints up to 2" wide
- No priming required for most substrates
- Excellent for painting
- 50% joint movement ( $\pm 25\%$ ) & 800% elongation

### SUBSTRATES:

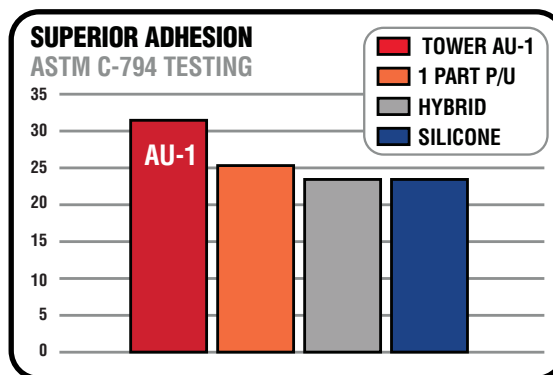
- Concrete
- Masonry
- Stucco
- Glass
- Metal
- Building wraps
- Fascia
- Flashing

### SPECIFICATIONS:

- ASTM C-920 Class 25
- ASTM C-834 -18°C
- Fed Spec TTS-00230C
- Meets physical requirements of AAMA 808.3
- TCBSAT-30\*

### USES:

- Expansion & control joints
- Concrete panel joints
- Windows, doors & siding
- Tilt-wall joints
- Precast units
- EIFS



\* TCBSAT-30 or Tower Common Building Substrate Adhesion Test. AU-1 is applied to 30 common building substrates and tested in accordance with a modified version of ASTM C-794. The minimum adhesion values used in TCBSAT-30 are significantly higher than those required by ASTM C-920.



## A NEW STANDARD IN CONSTRUCTION SEALANTS

Introducing AU-1, a premium quality, high performance, waterproof, elastomeric construction sealant. It's easy to apply. Tool and clean up saves you time and money. With excellent adhesion and long-term durability, **AU-1** makes you and your job more efficient. It has exceptional resistance to UV rays, and maintains high elasticity in all climates. **AU-1** bonds to substrates at a molecular level creating superior adhesion that is unaffected by years of outdoor exposure. When you need solid gold performance, choose **AU-1**.

- **Exceptional resistance to weathering, UV, & extreme joint movement**
- **Improved Application, Adhesion & Durability vs. Polyurethanes**

### A SIZE FOR ANY APPLICATION:



10.1 oz. Cartridge



20 oz. Sausage



2 gal. Pail  
or 5 gal. Pail

## Product Data

# Driwall™ Membrane Adhesive

A Solvent-based Adhesive

### Description

Driwall™ Membrane Adhesive is a fast-drying solvent release adhesive. Designed to require a minimum amount of mixing before applications.

Formulated to have outstanding performance with all Keene Driwall Membrane products, Driwall Membrane Adhesive will also work with most asphalt based waterproofing membranes.

### Packaging

- ✓ 5 Gallon Pail

### Properties & Coverage Rate

Description	Measurement
VOC	2.1 lbs/gallon or 250 grams/liter
Viscosity	1250 cps
Density	7.75 lbs/gallon
% Solids	33%
Coverage	Approximately 450 sq ft/gallon when applied at 1 mil

### Application

Suitable for any Driwall Membrane Application

Ensure all surfaces are dry and free of any oil or grease. All surfaces must be clean and free of dust, dirt and any foreign material. If applying over metal, ensure all rust and scale is removed. Thoroughly mix product BEFORE application. For best results use when substrate temperature is above 40°F. Product is formulated for seasonal use. Note: low temperatures and/or high humidity may extend drying time. Apply using a medium nap roller or a soft bristled brush.

Allow adhesive to dry a minimum of 10 minutes at 75°F (23% humidity) before you apply the Driwall Membrane. If adhesive has dried for 2 hours, recoat before applying the waterproof membrane. Cleans up easily with mineral spirits, paint thinner or kerosene.

General Guidelines

KEEP FROM FREEZING

KEEP AWAY FROM OPEN FLAME AND ANY IGNITION SOURCE

MIX PRIOR TO APPLICATION

Close container after each use

Use appropriate protective clothing and eye protection

Avoid prolonged exposure to skin, use in adequately ventilated area. Prolonged exposure may lead to dizziness or headache. NIOSH/MESA respirator.

\*Do not use with coal tar based products

\*May not be compatible with some one-ply roofing systems – check with manufacture

LIMITED WARRANTY: Keene Building Products, Inc. warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Keene Building Products, Inc. will correct any such failure by either replacing or repairing any defective goods, at Keene Building Products, Inc.'s option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.



## Product Data

# KeeneSeal 100

A Multipurpose Hybrid Sealant

### Description

KeeneSeal 100 is a one component, fast grab, multipurpose silyl-terminated polyether (hybrid) elastomeric sealant. When fully cured, this unique VOC compliant formula offers spectacular stress-free adhesion to Driwall™ Membrane, PVC, concrete, masonry, painted surfaces, USB, plywood, metal plus other common substrates. This product is specifically formulated to offer all weather performance to meet today's green building standards.

Meets Specifications:

ASTM C920 Type S, Grade NS, Class 25, Use NT, A, M

General Guidelines:

Store in controlled climate building. Protect from freeze.

### Applications

- ✓ Driwall™ AWB
- ✓ Driwall™ Membrane
- ✓ Window and doors
- ✓ Plywood
- ✓ OSB
- ✓ Concrete
- ✓ Masonry
- ✓ Metal
- ✓ Exterior gypsum
- ✓ Other common substrates

### Benefits

Flexible and durable, will not shrink or crack

VOC compliant

Contains no solvents or isocyanates

Fast cure

Cleans up with water

### Packaging

#### 10.3 fl/oz Cartridges

24 Cartridges to a case

60 Cases per pallet

Color: White / Part Number: 01-X-0121

Color: Sandstone / Part Number: 01-X-0133

Color: Limestone / Part Number: 01-X-0131

#### 20 fl/oz Sausage

16 Sausages to a case

52 Cases per pallet

Color: White / Part Number: 01-X-0132

## Physical Properties

Description	Measurement	Test Method
Cure System	Hybrid, Moisture Cure	
Movement Capability, %	± 25%	ASTM C-719
Modulus	Medium	ASTM D-412
Physical Properties (Cured)	Rubber	
Specific Gravity	1.55	
Extrusion Rate, g/min.	100	ASTM C-1183
1/8" orifice @ 50psi	Modified	
Temperature Range	-75°F to 225°F	
Intermittent Temperature Range	250°F	
Accelerated Weathering (10,000 hrs.)	No Change	QUV
Skin Over Time (min)	20*	MNA Method
Tack Over Time (min)	35*	ASTM C-679
Cure Rate	1/8" per 24 hrs*	MNA Method
Tensile Strength (psi)	287	ASTM D-412
Elongation %	250	ASTM D-412
Durometer Shore A	55	ASTM C-661
Shelf Life (months)	18	
VOC	> 26gr./litre	

\*All properties derived from lab conditions (77°F @ 50% relative humidity)  
 Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

LIMITED WARRANTY: Keene Building Products, Inc. warrants to the initial purchaser only that the goods sold hereunder will be free from defects in material and workmanship and, except as otherwise set forth herein, will conform to the specifications provided. If any failure to meet this warranty appears within one year from the date of shipment of the goods, on the condition that Keene Building Products, Inc. will correct any such failure by either replacing or repairing any defective goods, at Keene Building Products, Inc.'s option.

The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.





# Tyvek®

**PRODUCT® GUIDE**  
for STINGER Tools & Fasteners

distributed by **W P L**  
Weatherization Partners, Ltd.

# CH38-2 CAP HAMMER

The **STINGER CH38-2** is the economical, non-pneumatic alternative to stapling. The CH38-2 is an award-winning champion for installing housewrap, underlayment, and rolled insulation.



- INCREASED INTERNAL HANDLE STRENGTH
- ADDED HANDLE GRIP TO AID PERFORMANCE
- IMPROVED STAPLE TRACK & SPRING FOR RELIABLE PERFORMANCE
- INCREASED WELD STRENGTH ON CUTTER AND TRIGGER AREAS
- IMPROVED STAPLE DESIGN TO MAXIMIZE PRODUCTIVITY

FOR USE WITH: **2016 CT. 3/8" STINGER STAPLEPAC®**

- 12 reels of 168 collated plastic caps
- 24 strips of 84 staples
- Each StaplePac covers approximately 25 square
- For use with all STINGER CH38 style Cap Hammers
- **Meets ASTM F1667 requirements**





# CH38A CAP HAMMER

The **STINGER CH38A CAP HAMMER** is our non-pneumatic autofeed cap hammer - and is ideal for installing housewrap and underlayment. Unlike the CH38-2, the CH38A does not require a trigger to advance the cap.



- TRIGGER FREE OPERATION
- IMPROVED TRACK AND FEED SPRING DESIGN
- EASY TO LOAD
- CONVENIENT BELT HOOK
- CAPS ADVANCE AUTOMATICALLY

FOR USE WITH: **2016 CT. 3/8" STINGER STAPLEPAC®**

- 12 reels of 168 collated plastic caps
- 24 strips of 84 staples
- Each StaplePac covers approximately 25 square
- For use with all STINGER CH38-2 style Cap Hammers
- **Meets ASTM F1667 requirements**



# CS150B CAP STAPLER

The **STINGER CS150B** is a versatile tool that provides builders with proven performance and best practice for securing synthetic underlayments as well as roofing felt, foamboard, and housewrap.



- SHOOTS 7/8", 1-1/4" AND 1-1/2" 18ga STAPLES WITH FULL 1" PLASTIC CAPS
- CHOOSE BETWEEN BUMP FIRE OR SEQUENTIAL FIRE MODE
- COMPACT, ERGONOMIC DESIGN FOR MANEUVERABILITY
- 360° TOOL-FREE ADJUSTABLE EXHAUST
- CARRYING CASE INCLUDED
- HOLDS 200 CAPS AND 200 STAPLES
- FIRES 5 CAP STAPLES PER SECOND (MAX. CYCLE/RATE)

FOR USE WITH:  
**2000 CT. 18ga STINGER STAPLEPAC®**

- 10 reels of 200 collated plastic caps
- 20 strips of 100 staples; 18 gauge
- Each StaplePac will cover approximately 25 square
- For use with STINGER CS150B & CS150 Staplers only
- **Meets ASTM F1667 requirements**

**18ga**  
STAPLES



7/8" StaplePac: **#0136044TV**  
1-1/4" StaplePac: **#0136074TV**  
1-1/2" StaplePac: **#0136094TV**

# DuPont Building Envelope Solutions Products 10-Year Limited Warranty for Single-Family, Wood-Framed Multi-Family, and Light Commercial Buildings

## Warranted Party

DuPont provides the following warranty to Builders, General Contractors or Professional Installers upon the terms and conditions set forth herein.

Should the Builder, General Contractor or Professional Installer to whom this warranty is given, cease to be in business, this warranty coverage will extend to the original registered owner of the building at the time of installation. This warranty is not transferrable except as set forth herein.

## Warranted Period

This 10-Year Limited Warranty is effective for DuPont Building Envelope Solutions Products ("Products") identified below and purchased and installed after **February 1, 2021** in Canada or the United States (US).

If any Products are repaired or replaced under this warranty, then ongoing warranty coverage will continue from the original date of purchase and not from the date of repair or replacement.

## Applicable Structures

For the purposes of this Warranty, "Single-Family Residential Buildings" shall mean fully-detached one or two family structures, as well as townhouse structures not more than three stories above grade plane as defined in the 2018 International Residential Code (IRC) Section R101.2, both to the extent they are exclusively Residential Use building structures.

For the purposes of this Warranty "Wood-Framed Multi-Family and Light Commercial Buildings" is defined as an entire building that meets ALL the following conditions listed below. Use of the term IBC references the 2018 International Building Code.

- (i) Constructed of wood-based structural exterior framing of Type III or Type V Construction\* (IBC Chapter 6); and
- (ii) Does not exceed 2018 IBC max height (Table 504.3) for Type V construction (70 ft.) or Type III construction (85 ft.), including allowances for Automatic Sprinkler height increase (IBC 504.1 and Table 504.4) and 'podium' structures outlined in the Special Provisions\* (IBC Section 510); and
- (iii) Design requirements for the building envelope do not exceed air barrier performance of ASTM E1677 (10.8 psf structural load, 65 mph equivalent wind load), and water infiltration resistance criteria of 6.24 psf (50 mph equivalent wind-driven rain) when tested in accordance with ASTM E331, ASTM E1105, or equivalent.

\*Special Provisions (IBC Section 510) allows for a "horizontal building separation", or 'podium', to be built under the wood-framed Type III or Type V building. The podium is typically constructed of steel framing or concrete. Podium-style buildings are included under "Wood-Framed Multi-Family and Light Commercial Buildings", as long as all other definition criteria (a. through c. above) are met.

In the United States, this warranty applies to "Single-Family Residential Buildings" and "Wood-Framed Multi-Family and Light Commercial Buildings" meeting the above definitions and/or criteria.

In Canada, this warranty applies to all building structures with wood-based structural exterior framing that are less than five (5) stories in height.

## Warranty Conditions

This warranty does not apply to consumer over the counter purchases for personal home use. For warranties which may apply to consumer rather than professional product purchases, please refer to the [DuPont™ Tyvek® 10 Year Limited Residential Retail Warranty](#).

## 10-Year Product Limited Warranty

"Products" eligible under this 10-Year Limited Warranty (Product Replacement):

- DuPont™ Tyvek® Low-Rise Wrap Products, including DuPont™ Tyvek® HomeWrap®, Tyvek® StuccoWrap®, Tyvek® DrainWrap™, Tyvek® DrainWrap™ CA, and Tyvek® ThermaWrap® LE, and
- DuPont™ Tyvek® Commercial Wrap Products, including DuPont™ Tyvek® CommercialWrap® and Tyvek® CommercialWrap® D, and
- DuPont Self-Adhered Flashing Products, including DuPont™ Flashing Tape, StraightFlash™, VersaFlange™ (formerly StraightFlash™ VF), FlexWrap™ EZ, and FlexWrap™, and
- DuPont™ Tyvek® Fluid Applied Products, including DuPont™ Tyvek® Fluid Applied WB+™ and Tyvek® Fluid Applied Flashing and Joint Compound+, and
- DuPont Drainage Mat Products, including DuPont™ Tyvek® DrainVent™ Rainscreen (US only).

Subject to Product label warnings and the following Product specific terms and conditions set forth below, DuPont warrants that for a period of 10 years from date of purchase, that:

- DuPont™ Tyvek® Wrap Products will meet or exceed:
  - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
- DuPont Self-Adhered Flashing Products will meet or exceed:
  - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
- DuPont™ Tyvek® Fluid Applied Products will achieve:
  - Water holdout performance properties such that no leaks will be observed after the test specimen is subjected to 55cm of static water head for 5 hours. The test specimen is to be 225cm<sup>2</sup>. For flashing, the test specimen is to be centered in the middle of the flashing. Post installation, DuPont™ Tyvek® Fluid Applied Products must be sampled without physical damage as continuously applied, and be tested as installed on the substrate.
- DuPont Drainage Mat Products will meet or exceed:
  - Drainage rate greater than 90% based on ASTM E2273.

This warranty is limited to product replacement. If the Product fails to meet the properties specified above, then DuPont's sole liability will be to provide replacement Product for that portion of defective Product. All product replacement will be in the form of Product being manufactured at the time of replacement. No substitutions of other products or those manufactured by other manufacturers will be permitted. This warranty covers replacement of defective Product only and does not include any repair costs or other damages of any kind whatsoever.

**10-Year Product and Labor Limited Warranty**  
 "Products" eligible under this 10-Year Limited Warranty  
 (Product & Labor):

- DuPont™ Tyvek® Low-Rise Wrap Products, including DuPont™ Tyvek® HomeWrap®, Tyvek® StuccoWrap®, Tyvek® DrainWrap™, Tyvek® DrainWrap™ CA, and Tyvek® ThermaWrap® LE, and
- DuPont™ Tyvek® Commercial Wrap Products, including DuPont™ Tyvek® CommercialWrap® and Tyvek® CommercialWrap® D, and
- DuPont Self-Adhered Flashing Products, including DuPont™ Flashing Tape, StraightFlash™, VersaFlange™ (formerly StraightFlash™ VF), FlexWrap™ EZ, and FlexWrap™, and
- DuPont™ Tyvek® Fluid Applied Products, including DuPont™ Tyvek® Fluid Applied WB+™ and Tyvek® Fluid Applied Flashing and Joint Compound+, and
- DuPont Drainage Mat Products, including DuPont™ Tyvek® DrainVent™ Rainscreen (US only).

**Warranty Requirements**

Subject to product label warnings and the specific terms and conditions below, DuPont warrants that for a period of 10 years from the date of purchase, when the Products (identified below) are installed in strict accordance with the applicable DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure, that:

- A. For "Single-Family Residential Buildings" or "Wood-Framed Multi-Family and Light Commercial Buildings" in the United States, and for all building structures with wood-based structural exterior framing that are less than five (5) stories in height in Canada,
  - DuPont™ Tyvek® Wrap Products, meet or exceed:
    - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
  - Air holdout pursuant to the Gurley Hill (TAPPI T-460) test for air holdout in the applicable product specific Product Information Sheet in effect at the time of installation, and
  - DuPont Self-Adhered Flashing Products, meet or exceed:
    - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
  - DuPont Drainage Mat Products, meet or exceed:
    - Drainage rate greater than 90% based on ASTM E2273.
- B. For **Hybrid Wall** building structures (as defined below) that are "Single-Family Residential Buildings" or "Wood-Framed Multi-Family and Light Commercial Buildings" in the United States only,
  - DuPont™ Tyvek® Wrap Products, meet or exceed:
    - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
    - Air holdout pursuant to the Gurley Hill (TAPPI T-460) test for air holdout in the applicable product specific Product Information Sheet in effect at the time of installation, and
  - DuPont Self-Adhered Flashing Products, meet or exceed:
    - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
  - DuPont™ Tyvek® Fluid Applied Products, achieve:
    - Water holdout performance properties such that no leaks will be observed after the test specimen is subjected to 55cm of static water head for 5 hours. The test specimen is to be 225cm<sup>2</sup>. For flashing, the test specimen is to be centered in the middle of the flashing. Post installation, DuPont™ Tyvek® Fluid Applied Products must be sampled without physical damage as continuously applied, and be tested as installed on the substrate.
  - DuPont Drainage Mat Products, meet or exceed:
    - Drainage rate greater than 90% based on ASTM E2273.

**Hybrid Wall** assemblies can consist of one or more of the following conditions:

- Building structures consisting of a combination of wood-based framing and wood-based or exterior gypsum sheathing with concrete masonry unit (CMU) or concrete walls where DuPont™ Tyvek® Wrap Products are installed over wood framing/sheathing, and DuPont™ Tyvek® Fluid Applied Products are installed over CMU/concrete wall

- Building structures consisting of a combination of steel framing and exterior gypsum sheathing with concrete masonry unit (CMU) or concrete walls where DuPont™ Tyvek® Wrap Products are installed over steel framing/exterior gypsum sheathing, and DuPont™ Tyvek® Fluid Applied Products are installed over CMU/ concrete walls.
- Building structures with complex window/wall conditions (e.g. bump-out and/or recessed conditions) where DuPont™ Tyvek® Wrap products are installed over the exterior sheathing and terminated along the perimeter of the complex window/ wall condition with DuPont™ StraightFlash™ and/or DuPont™ FlexWrap™ and DuPont™ Tyvek® Fluid Applied Products are used to address the complex window/wall conditions as outlined in the applicable DuPont Installation Guidelines.

To qualify for this Product and Labor Limited Warranty under **categories A and B**, you must exclusively use Products to the extent applicable on each type of construction, subject to the Product Specific Conditions set forth below. For buildings that do not meet the definition of “Single-Family Residential Buildings,” you **MUST** use the Project Registration and Observation process prior to installation to qualify under the Product and Labor Warranty. For Project Registration details, please see **building.dupont.com** or call **1-833-338-7668** BEFORE you commence installation.

#### **Additional Specific Terms and Conditions for DuPont™ Tyvek® Wrap Products:**

- To qualify for this Product & Labor Warranty, you must exclusively use the DuPont™ Tyvek® Wrap Products to the extent applicable on each type of construction (no substitution of alternate or competitive product), except:
  - DuPont Self-Adhered Flashing Products do not have to be used for flashing doors, windows, and/or other components that penetrate the DuPont™ Tyvek® Building Wrap as long as the alternate or competitive products meet the specifications set out in the DuPont Installation Guidelines, and
  - Applications under exterior insulation finish systems (EIFS) cladding.
- Products must be installed according to the applicable published DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure to qualify under the Product and Labor Warranty.
- DuPont™ Tyvek® Tape must be used with all DuPont™ Tyvek® Wrap Products as outlined in the applicable published DuPont Installation Guidelines to qualify under the Product and Labor Warranty.
- Substitution of any other building envelope or tape products when there is an applicable Product available from DuPont will void this Product and Labor Warranty.

**This warranty will not cover any alternate flashing products or damages arising therefrom.**

#### **Additional Specific Terms and Conditions for DuPont Self-Adhered Flashing Products:**

- To qualify for this Product & Labor Warranty, you must exclusively use the DuPont™ Tyvek® Wrap Products (including DuPont™ Tyvek® Tape), DuPont Self-Adhered Flashing Products, and DuPont™ Tyvek® Fluid Applied Products to the extent applicable on each type of construction (no substitution of alternate or competitive product).
- Products must be installed according to the applicable published DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure, to qualify under the Product and Labor Warranty.
- Substitution of any other building envelope, flashing, fluid applied, or tape products when there is an applicable Product available from DuPont will void this Product and Labor Warranty.

#### **Additional Specific Terms and Conditions for DuPont™ Tyvek® Fluid Applied Products:**

- To qualify for this Product & Labor Warranty, you must exclusively use the DuPont™ Tyvek® Wrap Products (including DuPont™ Tyvek® Tape), DuPont Self-Adhered Flashing Products, and DuPont™ Tyvek® Fluid Applied Products to the extent applicable on each type of construction (no substitution of alternate or competitive product).
- Products must be installed according to the applicable published DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure, to qualify under the Product and Labor Warranty.
- Substitution of any other building envelope, flashing, fluid applied, or tape products when there is an applicable Product available from DuPont will void this Product and Labor Warranty.

#### **Additional Specific Terms and Conditions for DuPont Drainage Mat Products:**

- To qualify for this Product & Labor Warranty, you must exclusively use the DuPont™ Tyvek® Wrap Products (including DuPont™ Tyvek® Tape), DuPont Self-Adhered Flashing Products, and DuPont Drainage Mat Products to the extent applicable on each type of construction (no substitution of alternate or competitive product). Drainage Mat Products used alone will only have a Product Warranty.
- Products must be installed according to the applicable published DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure, to qualify under the Product and Labor Warranty.
- Substitution of any other building envelope, flashing, drainage mat, or tape products when there is an applicable Product available from DuPont will void this Product and Labor Warranty.

## **What is Covered by These Product & Labor Limited Warranties:**

When all conditions of this Product & Labor Limited Warranty are met, if damage to the building is caused solely by the failure of any Product to meet the properties specified above, then DuPont will provide replacement Product for all defective Product and pay all reasonable construction repair costs to correct any problem that arises solely out of the failure of the DuPont Products to meet the properties specified above. DuPont will not have any liability under this warranty for the repair or cost of repair for more than the actual area of damage.

## **What is Not Covered by These Warranties:**

1. Any building structure with wood-based structural exterior framing that is greater than 4 stories in Canada.
2. Any non-'podium' building structure with exterior walls constructed of steel or concrete in Canada.
3. Any building structure that does not meet the definition of a "Single-Family Residential Building" or a "Wood-Framed Multi-Family and Light Commercial Building" in the United States.
4. The negligence, gross negligence, or willful misconduct of the Warranted Party or of any third party, including the building owner.
5. Any installation in which DuPont™ Tyvek® Commercial Wrap Products come into contact with uncured DuPont™ Tyvek® Fluid Applied Products; curing information can be found in the DuPont Installation Guidelines.
6. Any installation in which DuPont™ Tyvek® Low-Rise Wrap Products come into contact with DuPont™ Tyvek® Fluid Applied Products (cured or uncured).
7. Any installation in which DuPont™ Tyvek® Wrap Products come into contact with alternate or competitive fluid applied products.
8. Acts of God, including but not limited to, fire and lightning, hurricane, high winds.
9. Vandalism or attack by any party.
10. Defects in the structure or a component of the structure (e.g., window, door, or wall system) or selection of any components of the structure, or premature deterioration of the building materials, or any defect arising out of the performance of any non-DuPont Building Envelope Solutions product.
11. Foreign objects or agents, including the use of materials incompatible with DuPont Building Envelope Solutions Products, or contamination from building site chemicals.

12. UV exposure of the Products in excess of that set forth in the Product Information Sheet.
13. Improper installation of the Products, such as improper building practices or design not in accordance with the applicable building code or industry standards, nonstandard use or application of the Products, or any deviation from approved construction plans or project specifications, failure to follow façade manufacturer requirements, or failure to follow the applicable DuPont Installation Guidelines for the Product & Labor Warranty, including failure to follow requirements for shelf life and storage of DuPont™ Tyvek® Fluid Applied Products. DuPont Installation Guidelines are available by calling 1-833-338-7668 and on line at [building.dupont.com](http://building.dupont.com).
14. Warranty claims made for any Product for which another warranty claim has already been fulfilled by DuPont for that same Product installed on the same structure, regardless of who submitted the other claim.
15. Any building in which the claimant is not the Warranted Party.
16. Installations of DuPont™ Tyvek® Fluid Applied Products on a wall that does not feature a continuous path for moisture drainage to the exterior.
17. Installations featuring continuous insulation of any type that is not mechanically fastened to the structural member of the wall assembly.
18. Below grade applications. Products are not intended for installation on surfaces that are or will be below ground.

## **How You Can Get Warranty Service:**

To obtain service under these warranties, you must promptly contact DuPont at [building.dupont.com](http://building.dupont.com) or call 1-833-338-7668 regarding any potential claim, no later than sixty (60) days after you discover any potential claim, and you MUST provide DuPont within the 10-year warranty period proof of purchase and/or of installation of the DuPont Products.

You must provide DuPont with a reasonable opportunity to inspect the building within sixty (60) days after DuPont receives notice of your potential claim. You must also provide access to DuPont to recovery of samples of the DuPont products from the actual installation in sufficient quantities in order to perform testing to determine whether or not the DuPont product failed as set forth herein. If obtaining the required samples proves not to be feasible, then, in the alternative, DuPont may use retainer samples for DuPont products manufactured from the same lot as those used in the actual installation.

## Exclusion of Damages

DUPONT'S SOLE LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE COST OR REPLACEMENT, AS APPLICABLE, OF THE PRODUCT AND, IF APPLICABLE, THE LABOR REQUIRED TO CORRECT PROBLEMS CAUSED SOLELY BY THE FAILURE OF THE PRODUCTS TO MEET THE APPLICABLE TERMS OF THIS DOCUMENT. DUPONT SHALL NOT BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOST PROFITS, LOST REVENUE, LOSS OF USE OR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, REPRESENTATION OR CONDITION.

DUPONT LIABILITY UNDER THE PRODUCT AND LABOR WARRANTY SHALL, NOTWITHSTANDING ANYTHING ELSE CONTAINED HEREIN, BE EXPRESSLY LIMITED TO THE LESSER OF TEN (\$10.00) DOLLARS A SQUARE FOOT OF EXTERIOR WALL SPACE OR FIVE HUNDRED THOUSAND (\$500,000.) DOLLARS PER OCCURANCE AND PROJECT.

The foregoing is the only warranty made by DuPont. No representative, dealer or any other person is authorized to make any warranty, representation, condition or promise on behalf of DuPont with respect to such products. No terms or conditions other than those stated herein or provided by law, and no agreement or understanding, oral or written, in any way purporting to modify this warranty shall be binding upon DuPont unless made in writing and signed by an authorized employee of DuPont.

## This Warranty is Not a Performance Claim.



**For more information about this warranty,  
contact your local DuPont™ Tyvek® Specialist,  
visit [building.dupont.com](http://building.dupont.com), or call 1-833-338-7668**

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DuPont believes this information to be reliable and accurate. The information may be subject to revision as additional experience and knowledge is gained. It is the user's responsibility to determine the proper construction materials needed.

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# DuPont Building Envelope Solutions Products 10-Year Limited Warranty for Commercial and High-Performance Buildings of Any Height

## Warranted Party

DuPont provides the following warranty to Builders, General Contractors or Professional Installers upon the terms and conditions set forth herein.

Should the Builder, General Contractor or Professional Installer to whom this warranty is given, cease to be in business, this warranty coverage will extend to the original registered owner of the building at the time of installation. This warranty is not transferrable except as set forth herein.

## Warranted Period

This 10-Year Limited Warranty is effective for DuPont Building Envelope Solutions Products ("Products") identified below and purchased and installed after **February 1, 2021** in Canada or the United States (US).

If any products are repaired or replaced under this warranty, then ongoing warranty coverage will continue from the original date of purchase and not from the date of repair or replacement.

## Applicable Structures

This warranty applies to all "Commercial Buildings" and/or "High-Performance Buildings", of any height, defined as buildings that meet ANY of the conditions listed below:

- (i) Structures constructed of steel-based structural exterior framing and any exterior sheathing, or
- (ii) Structures with exterior above grade walls constructed of concrete or concrete masonry units (CMU), or
- (iii) Structures of any height and any construction type (including any framing type) that are designated as high-performance. "High-performance" is defined as air barrier performance exceeding ASTM E1677 (10.8 psf structural load, 65 mph equivalent wind load), and/or water infiltration resistance criteria exceeding 6.24 psf (50 mph equivalent wind-driven rain) when tested in accordance with ASTM E331, ASTM E1105, or equivalent.

## 10-Year Product Limited Warranty

"Products" eligible under this 10-Year Limited Warranty (Product Replacement):

- DuPont™ Tyvek® Commercial Wrap Products, including DuPont™ Tyvek® CommercialWrap® and Tyvek® CommercialWrap® D, and
- DuPont Self-Adhered Flashing Products, including DuPont™ Flashing Tape, StraightFlash™, VersaFlange™ (formerly StraightFlash™ VF), FlexWrap™ EZ, and FlexWrap™, and
- DuPont™ Tyvek® Fluid Applied Products, including DuPont™ Tyvek® Fluid Applied WB+™ and Tyvek® Fluid Applied Flashing and Joint Compound+.

Subject to Product label warnings and the following Product specific terms and conditions set forth below, DuPont warrants that for a period of 10 years from date of purchase, that:

- DuPont™ Tyvek® Wrap Products will meet or exceed:
  - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
- DuPont Self-Adhered Flashing Products will meet or exceed:
  - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
- DuPont™ Tyvek® Fluid Applied Products will achieve:
  - Water holdout performance properties such that no leaks will be observed after the test specimen is subjected to 55cm of static water head for 5 hours. The test specimen is to be 225cm<sup>2</sup>. For flashing, the test specimen is to be centered in the middle of the flashing. Post installation, DuPont™ Tyvek® Fluid Applied Products must be sampled without physical damage as continuously applied, and be tested as installed on the substrate.

This warranty is limited to product replacement. If the Product fails to meet the properties specified above, then DuPont's sole liability will be to provide replacement Product for that portion of defective Product. All product replacement will be in the form of Product being manufactured at the time of replacement. No substitutions of other products or those manufactured by other manufacturers will be permitted. This warranty covers replacement of defective Product only and does not include any repair costs or other damages of any kind whatsoever.

- DuPont™ Tyvek® Low-Rise Wrap Products, including DuPont™ Tyvek® HomeWrap®, Tyvek® StuccoWrap®, Tyvek® DrainWrap™, Tyvek® DrainWrap™ CA, and Tyvek® ThermaWrap® LE, and

## 10-Year Product and Labor Limited Warranty

“Products” eligible under this 10-Year Limited Warranty

(Product & Labor):

- DuPont™ Tyvek® Commercial Wrap Products, including DuPont™ Tyvek® CommercialWrap® and Tyvek® CommercialWrap® D, and
- DuPont Self-Adhered Flashing Products, including DuPont™ Flashing Tape, StraightFlash™, VersaFlange™ (formerly StraightFlash™ VF), FlexWrap™ EZ, and FlexWrap™, and
- DuPont™ Tyvek® Fluid Applied Products, including DuPont™ Tyvek® Fluid Applied WB+™ and Tyvek® Fluid Applied Flashing and Joint Compound+.

### Warranty Requirements

Subject to product label warnings and the specific terms and conditions below, DuPont warrants that for a period of 10 years from the date of purchase, when the Products (identified below) are installed in strict accordance with the applicable DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure, that:

- A. For “Commercial Buildings” and/or “High-Performance Buildings” in the United States and Canada,
- DuPont™ Tyvek® Commercial Wrap Products, meet or exceed:
    - Water holdout performance properties established pursuant to the AATCC 127 test for water holdout test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
    - Air holdout pursuant to the Gurley Hill (TAPPI T-460) test for air holdout in the applicable product specific Product Information Sheet in effect at the time of installation, and
  - DuPont Self-Adhered Flashing Products, meet or exceed:
    - Water holdout performance properties established pursuant to the AATCC 127 test for water holdout test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods.
- B. For Hybrid Wall building structures (as defined below) that are “Commercial Buildings” and/or “High-Performance Buildings” in the United States only,
- DuPont™ Tyvek® Commercial Wrap Products, meet or exceed:
    - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
    - Air holdout pursuant to the Gurley Hill (TAPPI T-460) test for air holdout in the applicable product specific Product Information Sheet in effect at the time of installation, and
  - DuPont Self-Adhered Flashing Products, meet or exceed:
    - Water holdout performance properties pursuant to the AATCC 127 test for water holdout with greater than 55cm of Hydrostatic Head utilizing dynamic pressure testing methods, and
  - DuPont™ Tyvek® Fluid Applied Products, achieve:
    - Water holdout performance properties such that no leaks will be observed after the test specimen is subjected to 55cm

of static water head for 5 hours. The test specimen is to be 225cm<sup>2</sup>. For flashing, the test specimen is to be centered in the middle of the flashing. Post installation, DuPont™ Tyvek® Fluid Applied Products must be sampled without physical damage as continuously applied, and be tested as installed on the substrate.

Hybrid Wall assemblies can consist of one or more of the following conditions:

- Building structures consisting of a combination of wood-based framing and wood-based or exterior gypsum sheathing or with concrete masonry unit (CMU) or concrete walls where DuPont™ Tyvek® Commercial Wrap Products are installed over wood framing/sheathing, and DuPont™ Tyvek® Fluid Applied Products are installed over CMU/concrete walls.
- Building structures consisting of a combination of steel framing and exterior gypsum sheathing with concrete masonry unit (CMU) or concrete walls where DuPont™ Tyvek® Commercial Wrap Products are installed over steel framing/exterior gypsum sheathing, and DuPont™ Tyvek® Fluid Applied Products are installed over CMU/concrete walls.
- Building structures with complex window/wall conditions (e.g. bump-out and/or recessed conditions) where DuPont™ Tyvek® Commercial Wrap products are installed over the exterior sheathing and terminated along the perimeter of the complex window/wall condition with DuPont™ StraightFlash™ and/or DuPont™ FlexWrap™ and DuPont™ Tyvek® Fluid Applied Products are used to address the complex window/wall conditions as outlined in the applicable DuPont Installation Guidelines.

To qualify for this Product and Labor Limited Warranty under **categories A and B**, you must exclusively use Products to the extent applicable on each type of construction, subject to the Product Specific Conditions set forth below. You **MUST** use the Project Registration and Observation process prior to installation to qualify under the Product and Labor Warranty. For Project Registration details, please see [building.dupont.com](http://building.dupont.com) or call **1-833-338-7668** BEFORE you commence installation.

### Additional Specific Terms and Conditions for DuPont™ Tyvek® Commercial Wrap Products:

- To qualify for this Product & Labor Warranty, you must exclusively use the DuPont™ Tyvek® Commercial Wrap Products to the extent applicable on each type of construction (no substitution of alternate or competitive product), except:
  - DuPont Self-Adhered Flashing Products do not have to be used for flashing doors, windows, and/or other components that penetrate the DuPont™ Tyvek® Commercial Wrap Product as long as the alternate or competitive products meet the specifications set out in the DuPont Installation Guidelines, and
  - Applications under exterior insulation finish systems (EIFS) cladding.
- Products must be installed according to the applicable published DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure to qualify under the Product and Labor Warranty.

- 3" DuPont™ Tyvek® Tape must be used with all DuPont™ Tyvek® Products as outlined in the applicable published DuPont Installation Guidelines to qualify under the Product and Labor Warranty.
- Substitution of any other building envelope or tape products when there is an applicable Product available from DuPont will void this Product and Labor Warranty.

**This warranty will not cover any alternate flashing products or damages arising therefrom.**

### **Additional Specific Terms and Conditions for DuPont Self-Adhered Flashing Products:**

- To qualify for this Product & Labor Warranty, you must exclusively use the DuPont™ Tyvek® Commercial Wrap Products (including DuPont™ Tyvek® Tape) and DuPont Self-Adhered Flashing Products to the extent applicable on each type of construction (no substitution of alternate or competitive product). Self-Adhered Flashing Products used alone will only have a Product Warranty.
- Products must be installed according to the applicable published DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure, to qualify under the Product and Labor Warranty.
- Substitution of any other building envelope, flashing, or tape products when there is an applicable Product available from DuPont will void this Product and Labor Warranty.

### **Additional Specific Terms and Conditions for DuPont™ Tyvek® Fluid Applied Products:**

- To qualify for this Product & Labor Warranty, you must exclusively use the DuPont™ Tyvek® Wrap Products (including DuPont™ Tyvek® Tape), DuPont Self-Adhered Flashing Products, and DuPont™ Tyvek® Fluid Applied Products to the extent applicable on each type of construction (no substitution of alternate or competitive product).
- Products must be installed according to the applicable published DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure, to qualify under the Product and Labor Warranty.
- Substitution of any other building envelope, flashing, fluid applied, or tape products when there is an applicable Product available from DuPont will void this Product and Labor Warranty.

### **What is Covered by These Product & Labor Limited Warranties:**

When all conditions of this Product & Labor Limited Warranty are met, if damage to the building is caused solely by the failure of any Product to meet the properties specified above, then DuPont will provide replacement Product for all defective Product and pay all reasonable construction repair costs to correct any problem that arises solely out of the failure of the DuPont Products to meet the properties specified above. DuPont will not have any liability under this warranty for the repair or cost of repair for more than the actual area of damage.

### **What is Not Covered by These Warranties:**

1. Any building structure that does not meet the definition of a "Commercial Building" and/or "High-Performance Building".
2. Any building structure with wood framing over 'podium' not meeting the definition of "high-performance".
3. The negligence, gross negligence, or willful misconduct of the Warranted Party or of any third party, including the building owner.
4. Any installation in which DuPont™ Tyvek® Commercial Wrap Products come into contact with uncured DuPont™ Tyvek® Fluid Applied Products; curing information can be found in the DuPont Installation Guidelines.
5. Any installation in which DuPont™ Tyvek® Low-Rise Wrap Products come into contact with DuPont™ Tyvek® Fluid Applied Products (cured or uncured).
6. Any installation in which DuPont™ Tyvek® Wrap Products come into contact with alternate or competitive fluid applied products.
7. Acts of God, including but not limited to, fire and lightning, hurricane, high winds.
8. Vandalism or attack by any party.
9. Defects in the structure or a component of the structure (e.g., window, door, or wall system) or selection of any components of the structure, or premature deterioration of the building materials, or any defect arising out of the performance of any non-DuPont Building Envelope Solutions product.
10. Foreign objects or agents, including the use of materials incompatible with DuPont Building Envelope Solutions Products, or contamination from building site chemicals.
11. UV exposure of the Products in excess of that set forth in the Product Information Sheets.
12. Improper installation of the Products, such as improper building practices or design not in accordance with the applicable building code or industry standards, nonstandard use or application of the Products, or any deviation from approved construction plans or project specifications, failure to follow façade manufacturer requirements, or failure to follow the applicable DuPont Installation Guidelines for the Product & Labor Warranty, including failure to follow requirements for shelf life and storage of DuPont™ Tyvek® Fluid Applied Products. DuPont Installation Guidelines are available by calling 1-833-338-7668 and online at [building.dupont.com](http://building.dupont.com).
13. Warranty claims made for any Product for which another warranty claim has already been fulfilled by DuPont for that same Product installed on the same structure, regardless of who submitted the other claim.
14. Any building in which the claimant is not the Warranted Party.
15. Installations of DuPont™ Tyvek® Fluid Applied Products on a wall that does not feature a continuous path for moisture drainage to the exterior.
16. Installations featuring continuous insulation of any type that is not mechanically fastened to the structural member of the wall assembly.
17. Below grade applications. Products are not intended for installation on surfaces that are or will be below ground.

### How You Can Get Warranty Service:

To obtain service under these warranties, you must promptly contact DuPont at [building.dupont.com](http://building.dupont.com) or call 1-833-338-7668 regarding any potential claim, no later than sixty (60) days after you discover any potential claim, and you MUST provide DuPont within the 10-year warranty period proof of purchase and/or of installation of the DuPont Products.

You must provide DuPont with a reasonable opportunity to inspect the building within sixty (60) days after DuPont receives notice of your potential claim. You must also provide access to DuPont to recovery of samples of the DuPont products from the actual installation in sufficient quantities in order to perform testing to determine whether or not the DuPont product failed as set forth herein. If obtaining the required samples proves not to be feasible, then, in the alternative, DuPont may use retainer samples for DuPont products manufactured from the same lot as those used in the actual installation.

### Exclusion of Damages

DUPONT'S SOLE LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE COST OR REPLACEMENT, AS APPLICABLE, OF THE PRODUCT AND, IF APPLICABLE, THE LABOR REQUIRED TO CORRECT PROBLEMS CAUSED SOLELY BY THE FAILURE OF

THE PRODUCTS TO MEET THE APPLICABLE TERMS OF THIS DOCUMENT. DUPONT SHALL NOT BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOST PROFITS, LOST REVENUE, LOSS OF USE OR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, REPRESENTATION OR CONDITION.

DUPONT LIABILITY UNDER THE PRODUCT AND LABOR WARRANTY SHALL, NOTWITHSTANDING ANYTHING ELSE CONTAINED HEREIN, BE EXPRESSLY LIMITED TO THE LESSER OF TEN (\$10.00) DOLLARS A SQUARE FOOT OF EXTERIOR WALL SPACE OR FIVE HUNDRED THOUSAND (\$500,000.) DOLLARS PER OCCURANCE AND PROJECT.

The foregoing is the only warranty made by DuPont. No representative, dealer or any other person is authorized to make any warranty, representation, condition or promise on behalf of DuPont with respect to such products. No terms or conditions other than those stated herein or provided by law, and no agreement or understanding, oral or written, in any way purporting to modify this warranty shall be binding upon DuPont unless made in writing and signed by an authorized employee of DuPont.

### This Warranty is Not a Performance Claim.



**For more information about this warranty,  
contact your local DuPont™ Tyvek® Specialist,  
visit [building.dupont.com](http://building.dupont.com), or call 1-833-338-7668**

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DuPont believes this information to be reliable and accurate. The information may be subject to revision as additional experience and knowledge is gained. It is the user's responsibility to determine the proper construction materials needed.

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43-D100905-enNA-0121 CDP

# DuPont™ Tyvek® Fluid Applied Products Limited Warranty

## Warranted Party

DuPont provides the following warranty to Builders, General Contractors or Professional Installers upon the terms and conditions set forth herein.

Should the Builder, General Contractor or Professional Installer to whom this warranty is given, cease to be in business, this warranty coverage will extend to the original registered owner of the building at the time of installation. This warranty is not transferrable except as set forth herein.

## Warranted Period

These Limited Warranties are effective for DuPont™ Tyvek® Fluid Applied WB+™ Products ("Products") identified below and purchased and installed after September 1, 2020 in the United States (US).

If any Products are replaced under these warranties, then ongoing warranty coverage will continue from the original date of purchase and not from the date of replacement.

## 1-Year Product Replacement Limited Warranty

**"Products" eligible under this 1-Year Product Limited Warranty: (Product Replacement):**

- DuPont™ Tyvek® Fluid Applied Products, including DuPont™ Tyvek® Fluid Applied WB+™, DuPont™ Tyvek® Fluid Applied Flashing and Joint Compound+ and DuPont™ Sealant for Tyvek® Fluid Applied System.

## Warranty Requirements

Subject to Product label warnings and the following Product specific terms and conditions set forth below, DuPont warrants that for a period of 1 Year from date of manufacture, when the Products (identified below) are installed in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure, that:

- DuPont™ Tyvek® Fluid Applied Products will be free from defects in material and workmanship.

This warranty is limited to product replacement. If the Product fails to meet the properties specified above, then DuPont's sole liability will be to provide replacement Product for that portion of defective Product. All product replacement materials will be in the form of Product being manufactured at the time of replacement. No substitutions of other products or those manufactured by other manufacturers will be permitted. This warranty covers replacement of defective Product only and does not include any repair costs or other damages of any kind whatsoever.

## 10-Year Product Replacement Limited Warranty

**"Products" eligible under this 10-Year Product Limited Warranty: (Product Replacement):**

- DuPont™ Tyvek® Fluid Applied Products, including DuPont™ Tyvek® Fluid Applied WB+™, DuPont™ Tyvek® Fluid Applied Flashing and Joint Compound+ and DuPont™ Sealant for Tyvek® Fluid Applied System.

## Warranty Requirements

Subject to Product label warnings and the following Product specific terms and conditions set forth below, DuPont warrants that for a period of 10 years from the date of purchase, when the Products (identified below) are installed in strict accordance with the applicable DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure, that:

- DuPont™ Tyvek® Fluid Applied Products, will achieve:
  - Water holdout performance properties such that no leaks will be observed after the test specimen is subjected to 55cm of static water head for 5 hours. The test specimen is to be 225cm<sup>2</sup>. For flashing, the test specimen is to be centered in the middle of the flashing. Post installation, DuPont™ Tyvek® Fluid Applied Products must be sampled without physical damage as continuously applied, and be tested as installed on the substrate.

You MUST use the Project Registration and Observation process prior to installation on all projects to qualify under this Warranty. For Project Registration details, please see [building.dupont.com](http://building.dupont.com) or call 1-833-338-7668 BEFORE you commence installation.

## Additional Specific Terms and Conditions for DuPont™ Tyvek® Fluid Applied Products:

- To qualify for this 10-Year Limited Product Warranty, you must exclusively use Products to the extent applicable on each type of construction (no substitution of alternate or competitive product) except,
  - Applications under exterior insulation finish systems (EIFS) cladding.
- Products must be installed according to the applicable published DuPont Installation Guidelines at the time of installation, in a properly constructed and designed wall system, following the applicable building codes and accepted industry standards for each type of structure to qualify under this Warranty.

This warranty is limited to product replacement.

If the Product fails to meet the properties specified above, then DuPont's sole liability will be to provide replacement Product for that portion of defective Product. All product replacement

materials will be in the form of Product being manufactured at the time of replacement. No substitutions of other products or those manufactured by other manufacturers will be permitted. This warranty covers replacement of defective Product only and does not include any repair costs or other damages of any kind whatsoever.

### What is Not Covered by These Warranties

1. The negligence, gross negligence, or willful misconduct of the Builder, General Contractor or Professional Installer or of any third party, including the homeowner.
2. Acts of God, including but not limited to, fire and lightning, hurricane, high winds.
3. Vandalism or attack by any party.
4. Defects in the structure or a component of the structure (e.g., window, door, or wall system) or selection of any components of the structure, or premature deterioration of the building materials or any defect arising out of the performance of any non-DuPont Building Envelope Solutions product.
5. Foreign objects or agents, including the use of materials incompatible with DuPont Building Envelope Solutions Products, or contamination from building site chemicals.
6. UV exposure of the Products in excess of that set forth in the Product Information Sheet.
7. Improper installation of the Products, such as improper building practices or design not in accordance with the applicable building code or industry standards, nonstandard use or application of the Products, or any deviation from approved construction plans or project specifications, failure to follow façade manufacturer requirements, or failure to follow the applicable DuPont Installation Guidelines for the "10-Year Limited Product Warranty" including failure to follow requirements for shelf life and storage of DuPont™ Tyvek® Fluid Applied Products. Installation Guidelines are available by calling 1-833-338-7668 and on line at [building.dupont.com](http://building.dupont.com).
8. Warranty claims made for any Product for which another warranty claim has already been fulfilled by DuPont for that same Product installed on the same structure, regardless of who submitted the other claim.
9. Any building in which the claimant is not the Warranted Party.
10. Installations of DuPont™ Tyvek® Fluid Applied Products on a wall that does not feature a continuous path for moisture drainage to the exterior.
11. Installations featuring continuous insulation of any type that is not mechanically fastened to the structural member of the wall assembly.
12. Below grade applications. Products are not intended for installation on surfaces that are or will be below ground.

### How You Can Get Warranty Service

To obtain service under this warranty, you must promptly contact DuPont at [building.dupont.com](http://building.dupont.com) or call 1-833-338-7668 regarding any potential claim, but no later than sixty (60) days after you discover any potential claim, and you MUST provide DuPont within the warranty period proof of purchase and/or of installation of the DuPont Products.

You must provide DuPont with a reasonable opportunity to inspect the building within sixty (60) days after DuPont receives notice of your potential claim. You must also provide access to DuPont to recovery of samples of the DuPont Products from the actual installation in sufficient quantities in order to perform testing to determine whether or not the DuPont Product failed as set forth herein. If obtaining the required samples proves not to be feasible, then, in the alternative, DuPont may use retainer samples for DuPont Products manufactured from the same lot as those used in the actual installation.

### Exclusion of Damages

DUPONT SOLE LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE COST OR REPLACEMENT AS APPLICABLE, OF THE PRODUCT TO CORRECT PROBLEMS CAUSED SOLELY BY THE FAILURE OF THE PRODUCT TO MEET THE APPLICABLE PRODUCT INFORMATION SHEET AND THE TERMS OF THIS DUPONT WARRANTY. DUPONT SHALL NOT BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOST PROFITS, LOST REVENUE, LOSS OF USE OR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, REPRESENTATION OR CONDITION.

The foregoing is the only Warranty made by DuPont. No representative, dealer or any other person is authorized to make or makes any warranty, representation, condition or promise on behalf of DuPont with respect to such Products. No terms or conditions other than those stated herein or provided by law, and no agreement or understanding, oral or written, in any way purporting to modify this warranty shall be binding upon DuPont unless made in writing and signed by an authorized employee of DuPont.

**This Warranty is not a Performance Claim.**



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

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