

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.



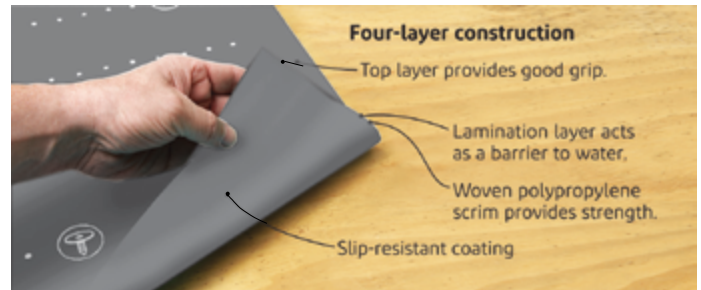
Trusted Quality and Durability
A product you can rely on from DuPont, a leader in science-based building envelope materials.



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.



DuPont™ Tyvek® Roof Protector™ – Product Information

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 (93.0m²)

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

PROPERTIES

DuPont™ Tyvek® Roof Protector™ exhibits physical properties as indicated in Tables 1 and 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 1: Physical Properties for Tyvek® Roof Protector™

Test Method	Property	Typical Value	Units
ASTM D1777	Nominal Thickness (mm)	0.254	mm
ASTM D1777	Nominal Thickness (mils)	10	mils
ASTM D4869	Liquid water transmission	Pass	-
ASTM E96	Permeability (MVTR)	< 0.05	Perms
ASTM D751	Tensile strength (MD / CD)	MD: 102 CD: 90	lbf
ASTM D751	Elongation (MD / CD)	MD: 17 CD: 18	%
ASTM D4533	Tear strength (MD / CD)	MD: 25 CD: 40	lbf
ASTM E108	Fire rating	Class A	-
ICC-ES AC188	UV exposure	90	-
Thermal Cycling	Temperature range	-40–240 (-40–115)	°F (°C)
ICC-ES AC188, per Intertek CCRR-1087 ASTM D226	Code approvals	Pass	-

TABLE 2: Specifications for Tyvek® Roof Protector™

Specifications	Typical Value	Units
Length per roll	286	ft
Width per roll	42	in
Weight per roll	20	lb
Roll size	42"x286' (10 square)	square
Rolls per pallet	49	-
Pallet weight	1,095	lb
Weight per square	2.04	lb
Warranty	20	years

DuPont™ Tyvek® Roof Protector™ – Installation

PRECAUTIONS

Safety

- Apply Tyvek® Protec™ taut and wrinkle-free. Do not stretch.
- Do not apply Tyvek® Protec™ over wet or frost-covered roof sheathing.
- Caution should be taken when walking on Tyvek® Protec™ until it has been fastened according to instructions.
- Caution should be taken when walking on Tyvek® Protec™ when it is wet or frost-covered.
- Use fall protection when working on roof. Refer to OSHA safety regulations 29 CFR1926 subpart M.
- Consult your local DuPont™ Tyvek® Specialist for additional information.

Preparation

- Apply Tyvek® Protec™ over a dry, smooth, clean and defect-free roof deck. Tyvek® Protec™ cannot be installed over existing roof cladding.
- Tyvek® Protec™ is a vapor barrier. Ensure that the space beneath the roof sheathing is properly ventilated before installing to avoid condensation problems.

INSTALLATION INSTRUCTIONS

1. Lay courses of Tyvek® Roof Protector™ horizontally in “shingle style” fashion following the lap lines provided in 4” course overlaps and 6” end laps beginning along the eave edge. Offset end laps in successive courses by 6 feet.
2. When attaching Tyvek® Roof Protector™ to the roof sheathing:
 - When used under asphalt shingles, and metal roof cladding, 1” diameter (min) metal or plastic (ring shank or smooth shank) cap-nails or cap-staples are required.
 - When used under asphalt or metal roof cladding, 1” diameter (min) metal or plastic cap-nails or cap staples are recommended. Un-capped staples or standard roofing nails may be used if shingles are installed within 36 hours (unless rain or high winds are expected). Use of un-capped fasteners may result in a risk of blow off or leakage around the fastener penetrations during a wind or rain event.
 - All anchoring must be performed flush to the roof and 90 degrees to the roof deck.
 - Install fasteners 12” on center (o.c) along course and end over-laps and a single row 24” on center along the middle line of the field. Use the printed pattern as a guide.
3. In high wind zones (at or above 100 mph per IRC R301.2), fasteners must be installed at all printed locations on the DuPont™ Tyvek® Roof Protector™. It must be fastened using corrosion-resistant metal or plastic cap nails with a head diameter of at least 1” and a thickness of at least 32-gauge sheet metal. The cap-nail shank shall be a minimum of 12 gauge (0.105 inches) with a length to penetrate through the roof sheathing of a minimum of ¼ inch into the roof sheathing.
4. Apply Tyvek® Roof Protector™ with two layers on roofs with slopes between 2:12 and up to 4:12. Begin with a 26” undercourse strip parallel to the eave edge, and then cover with a full width sheet. Overlap successive sheets by 26”.
5. Install Tyvek® Roof Protector™ over drip edges along eave edge and under drip edges along rake edges.
6. Lap Tyvek® Roof Protector™ 8” (min) onto walls.
7. Line roof valleys with a sheet of Tyvek® Roof Protector™ prior to installing horizontal courses of Tyvek® Roof Protector™. Lap the ends of horizontal Tyvek® Roof Protector™ courses over the valley sheet by 6”.
8. At ridges and hips where ridge vents will not be applied, cross-lap Tyvek® Roof Protector™ from one roof plane onto the other by 6”. For additional weather protection, apply a 24” wide sheet of Tyvek® Roof Protector™ across hips and ridges.

DuPont™ Tyvek® Roof Protector™ – Warranty Information

20-Year Limited Product Replacement

This is not a Consumer Warranty.

DuPont provides the following warranty to Builders, General Contractors or Professional Installers upon the terms and conditions set forth herein. Warranty is not transferable.

The DuPont™ Tyvek® Roof Protector™ product originally installed as a standard part of the building envelope on a building roof identified by ICC-ES AC188 in North America entitles you to certain quality assurance standards as provided in this DuPont™ Tyvek® Roof Protector™ Product Replacement 20-Year Limited Warranty (“warranty”).

This 20-Year Limited Warranty is effective for this product purchased and installed after June 1, 2017.

Product Only Warranty

E. I. du Pont de Nemours and Company (“DuPont”) warrants that the DuPont™ Tyvek® Roof Protector™ Product originally installed on a roof having a minimum 2:12 slope will meet the “Pass” requirements of ICC-ES AC188 for its liquid water holdout property in effect at the time of purchase of the DuPont™ Tyvek® Roof Protector™ Product for a period of twenty (20) years after the date of purchase when the problem is caused solely by the failure of DuPont™ Tyvek® Roof Protector™ Product to meet that property. If the DuPont™ Tyvek® Roof Protector™ Product is repaired or replaced, the warranty will continue from the original date of purchase and not from the date of repair or replacement.

This warranty DOES NOT COVER any damages arising from:

1. The negligence, gross negligence, or willful misconduct of any builder, general contractor, professional installer or any third party;
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, skylight, chimney, vents, etc.) or selection of any components of the structure, or premature deterioration of the building materials, or nonstandard use or application of the DuPont™ Tyvek® Roof Protector™ Product;
5. Foreign objects or agents, including incompatibility of materials;
6. UV exposure of the DuPont™ Tyvek® Roof Protector™ Product in excess of that set forth in the applicable Physical Properties Data Sheet;
7. The warranty is void if the Product is used as a permanent primary water barrier.
8. Improper installation of the DuPont™ Tyvek® Roof Protector™ Product, improper building practices or design not in accordance with the applicable building code or industry standards, or any deviation from approved construction plans or project specifications. The DuPont™ Tyvek® Roof Protector™ Product must be installed in accordance with the applicable DuPont Installation Guidelines that are in effect at the time of the installation of the DuPont™ Tyvek® Roof Protector™ Product. Installation Guidelines are available by calling 1-800-448-9835 and online at roofprotector.dupont.com.

What DuPont Will Do and What You Must Do

DuPont will provide to the Builder, General Contractor or Professional Installer only that quantity of replacement product required to replace any defective product that fails to meet the “Pass” requirements of ICC-ES AC188. You will be responsible for any other costs associated with or arising out of the repair or replacement. You must reasonably cooperate with DuPont or its representatives in their efforts to perform their obligations under these warranties, such as providing access in order to view installed product or to obtain samples for testing.

How You Can Get Warranty Service

To obtain service under this warranty, you must promptly contact DuPont at roofprotector.dupont.com or call 1-800-448-9835 regarding any potential claim, but no later than sixty (60) days after you discover any potential claim and you MUST provide DuPont with proof of purchase of the DuPont™ Tyvek® Roof Protector™ Product. You must provide DuPont with a reasonable opportunity to inspect the home or building within sixty (60) days after DuPont receives notice of your potential claim.

You must also provide access to DuPont for recovery of samples of the used product from the actual installation in sufficient quantities in order to perform testing to determine whether or not the DuPont™ Tyvek® Roof Protector™ 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 of product 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 REPLACEMENT OF THE ROOF PROTECTOR™ PRODUCT COVERED BY THIS DUPONT WARRANTY ONLY WHEN CAUSED SOLELY BY THE FAILURE OF THE DUPONT™ ROOF PROTECTOR™ PRODUCT TO MEET THE APPLICABLE LIQUID WATER HOLDOUT PROPERTY AS REFERENCED ABOVE AND THE CONDITIONS SET FORTH ABOVE. EXCEPT AS SPECIFICALLY PROVIDED HEREIN, DUPONT SHALL NOT BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR FROM ANY DIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOST PROFITS, LOST REVENUE, LOSS OF USE OR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.

The foregoing is the only warranty made by DuPont for the Roof Protector™ Product. No representative, dealer or any other person is authorized to make or makes any warranty, representation or promise on behalf of DuPont with respect to such product. 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.

*This warranty is effective June 1, 2017.



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

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