

DuPont™ Tyvek® Protec™ PSU

Premium High-Temp Peel and Stick Roofing Underlayment with Slip-Resistant Walking Surface and Service Temperature up to 240 °F

OVERVIEW

Description

DuPont™ Tyvek® Protec™ PSU is an engineered self-adhered underlayment ideal for slopes 2:12 and higher which is designed to provide exceptional protection from ice-dams, wind-driven rain, snow, and water. Tyvek® Protec™ PSU has a synthetic slip-resistant walking surface and a polymer modified bitumen adhesive which can provide excellent steep slope walkability for installers and all-season performance.

Tyvek® Protec™ PSU is designed for use under asphalt shingles, concrete tiles, all metal panels, shakes, synthetic shingles and primed cedar shakes. Tyvek® Protec™ PSU is a preferred underlayment when using DuPont™ Tile Bond™ Roof Adhesive for attachment of clay or concrete roof tiles. See Code Information below for more details.

Tyvek® Protec™ PSU can be applied in temperatures as low as 40°F and has a maximum service temperature of 240°F for applications under metal roofing or other high temperature applications.



Features and Benefits

- **Ease of Installation:** Easy to roll out, making installation simple in eaves and valleys. High-quality, split release liner for ease of installation. Superior slip-resistant walking surface. Designed for roof slopes 2:12 and higher.
- **Temperature and UV Resistance:** Wide installation temperature range 40 °F – 120 °F. 240 °F maximum service temperature under metal roofing. Withstands up to six months (180 days) of UV exposure.
- **Quality Offering:** Completes portfolio of engineered roofing underlayments. FBC (FL37886), HVHZ, and Miami-Dade approved.

Warranty

- Tyvek® Protec™ PSU is backed by a 30-Year limited warranty. For additional warranty information please visit building.dupont.com or contact your DuPont representative.

Complete System

- Tyvek® Protec™ PSU is part of a complete portfolio of engineered roofing underlayments that includes DuPont mechanically attached synthetic underlayments; • Tyvek® Roof Protector™ • Tyvek® Protec™ 120 • Tyvek® Protec™ 160 • Tyvek® Protec™ 200.

Standard Sizes

Standard Sizes for Tyvek® Protec™ PSU

Unit	Width	Length
Roll	36 in.	67 ft.

TESTING AND CODE COMPLIANCE

Tyvek® Protec™ PSU exhibits the properties and characteristics indicated in the table below when tested as represented. 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	TEST TITLE	PROPERTY	RESULTS
STRENGTH			
ASTM D1970	Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection	Tensile strength (MD / CD)	MD: 100 lbs CD: 90 lbs
ASTM D1970	Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection	Plywood Adhesion	36 lbs/ft
WATER			
ASTM E96	Standard Test Methods for Gravimetric Determination of Water Vapor Transmission Rate of Materials	MVTR (Moisture Vapor Transmission Rate)	<0.03 Perms
ASTM D4869	Standard Specification for Asphalt-Saturated Organic Felt Underlayment Used in Steep Slope Roofing	Liquid Water Transmission	Pass
GENERAL			
ASTM D1777	Standard Test Method for Thickness of Textile Materials	Nominal Thickness	50 mils

HANDLING

Warning

- **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 DuPont™ Tyvek® Protec™ PSU.

Precautionary Statements

- Tyvek® Protec™ PSU should not be exposed to sunlight for more than 180 days.
- Tyvek® Protec™ PSU is combustible and should be protected from flames and other direct high heat sources.
- Slip resistance may vary with surface conditions, weather, and/or footwear.
- Follow all applicable federal, state, local and employer regulations.

Cleanup & Disposal

- Dispose of any residual product, release liner, or other waste in accordance with applicable federal, state, and local government regulations.

Life & Storage

- Tyvek® Protec™ PSU should be stored upright in its original packaging, in a dry area, and in temperatures above 40 °F (5 °C). Shelf life is 16 months from date of manufacture when stored in prescribed conditions.



For more information, visit us at
building.dupont.com
or call us at 1-833-338-7668

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Issue Date: 8/13/2025

Print Date: 9/22/2025