

DuPont™ Tyvek® Protec™ PSU

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

FEATURES/BENEFITS



Key Features

- 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
- Wide installation temperature range: 40°F – 120°F
- 240°F max service temperature under metal roofing
- 6-month UV exposure (180 days max)
- Part of a portfolio of DuPont roof underlayments
- Backed by a 30-year Limited Warranty
- Meets or exceeds ASTM D1970
- FBC, HVHZ, and Miami-Dade approved

Available Sizes

Tyvek® Protec™ PSU is available in 2-square rolls:
36" x 67' (201 ft.²) / 0.914 m x 20.4 m (18.6 m²)

Description

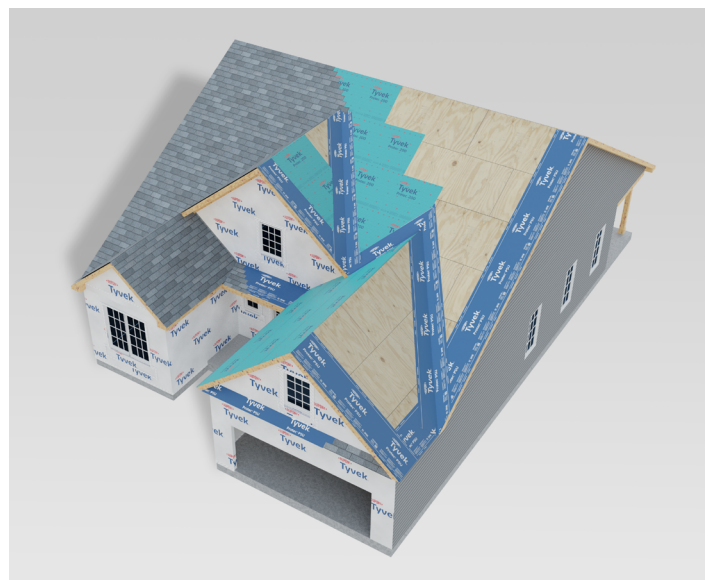
DuPont™ Tyvek® Protec™ PSU is an engineered self-adhered underlayment designed for sloped roof applications and provides exceptional protection from ice-dams, wind-driven rain, snow, and water. Tyvek® Protec™ PSU has a mechanical slip-resistant walking surface which provides excellent steep slope walkability for installers.

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 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.

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, and Tyvek® Protec™ 200.



PROPERTIES

DuPont™ Tyvek® Protec™ PSU 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 Sales Representative or call 1-833-338-7668 before writing specifications around this product. Product properties are as follows:

TABLE 1: Physical Properties for Tyvek® Protec™ PSU

Test Method	Property	Typical Value	Units
ASTM D1777	Nominal Thickness	45	mils
ASTM D1970	Tensile strength (MD/CD)	MD: 100: CD: 90	lbs
ASTM E96	MVTR (Moisture Vapor Transmission Rate)	<0.03	perms
ASTM D1204 (modified)	Maximum Service Temperature	240°F (115°C)	°F (°C)
ASTM D4869	Liquid Water Transmission	Pass	
ICC-ES AC 188 ASTM G154	Maximum UV Exposure	6 (180)	Months (Days)
ASTM D1970	Plywood Adhesion	36	Lbs/ft
AC188, AC48, ASTM D1970, ASTM D226, ICC-ES, FBC, HVHZ, Miami-Dade	Code Approvals	Pass	

TABLE 2: Specifications of Tyvek® Protec™ PSU

Specification	Typical Value	Units
Length per roll	67	ft
Width per roll	36	in
Weight per roll	43.7	lbs
Roll Size	2	square
Rolls per pallet	25	rolls
Pallet weight	1180	lbs
Limited Warranty	30	years

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 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.
- Because of the critical technical design aspects of many of its applications, DuPont recommends that qualified designers or consultants design the roof and wall systems. Contact your local DuPont Sales Representative for more specific instructions.
- Follow all applicable federal, state, local and employer regulations.

Installation

Refer to the Tyvek® Protec™ PSU Installation Guidelines at residentialroofing.dupont.com, or scan the QR code below.



Storage and Disposal

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 12 months from date of manufacture when stored in prescribed conditions. Dispose of any residual product, release liner, or other waste in accordance with applicable federal, state, and local government regulations.

Warranty

Tyvek® Protec™ PSU is backed by a 30-year Limited Warranty. For more information, contact your local DuPont Sales Representative or see the warranty (link).

Code Information

Tyvek® Protec™ PSU meets 2018 and 2021 International Residential Code (IRC) requirements for peel and stick roofing underlayments, i.e. ASTM D1970. See ICC-ES code report ESR-5378 for more information. Additionally, Tyvek® Protec™ PSU meets Florida Building Code (FBC), High Velocity Hurricane Zones (HVHZ), and Miami-Dade County requirements. **Note:** Not evaluated for use under tile in HVHZ, including Miami-Dade County. See Florida Product Approval FL37886 and Miami-Dade County NOA 23-1018.07 for more information and installation requirements.

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

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Tyvek®

Protec™ PSU

**For more information about
DuPont™ Tyvek® Protec™ PSU, contact
your local DuPont Sales Representative,
visit residentialroofing.dupont.com,
or call 1-833-7668.**

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