

# 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 CRR-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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