



Premium Building Products  
That Protect

**TECHNICAL DATA**

Properties	Test Method	Test Results
Color		White/Gray
Thickness		25 mils
Tensile Strength	ASTM D412	975 psi
Elongation (adhesive only)	ASTM D412	500%
Permeance	ASTM E96	0.01 perms max
Nail Sealability	ASTM D1970	Pass
Operating Temperature		45°F to 240°F (7°C to 116°C)

**PACKAGING**

Roll Widths: 4", 6", 9", 12", 18", 36"  
Roll Length: 100 feet per roll

**DESCRIPTION**

**BT25XL™** is a cold applied self-adhering membrane composed of a tough cross laminated High Density Polyethylene surface coated on one side with a layer of recycled butyl hybrid adhesive.

**FEATURES**

- Proprietary RECYCLED butyl hybrid adhesive
- 120 Day UV exposure rating
- Fully adhered system
- Seals around properly installed fasteners
- Compatible with and will adhere to most construction surfaces<sup>1</sup>
- Forms a positive air/vapor barrier<sup>2</sup>

**USES**

Used as a complete waterproof self-adhered flashing for window and door installations to create a positive air/vapor barrier in everyday construction. Safe for use on most wood, wood clad, aluminum, fiberglass and vinyl windows and doors  
Used as a full building wrap in envelope applications in cavity wall construction as an air/vapor barrier membrane.  
Sealing around skylights  
Sealing joints in exterior sheathing  
Sealing penetrations in roof and wall systems

**LIMITATIONS**

Not recommended for use on windows or doors that incorporate a plasticized nailing flange or drip cap, consult window manufacturer to determine nailing flange type.  
Not recommended for use over or near solvent based sealants. See Technical Letter Chemical Compatibility.  
Not recommended for use over or in contact with PVC roof coverings.  
Not recommended in high temperature applications to exceed 240°F (116°C).

**SHELF LIFE**

**BT25XL** maintains optimum initial adhesion to substrates when used within one year from the date of manufacture.

## **STORAGE**

**BT25XL** should be stored in the original, unopened container at ambient temperatures between 40°F to 90°F (5°C to 32°C). Storage area should remain dry and out of direct sunlight. Do not remove materials from original containers until ready for use. Do not double stack pallets.

## **PREPARATION**

All surfaces shall be clean, dry and free of any foreign materials. The surface shall be free of gaps, sharp edges and protrusions.

Metal surfaces may need to be solvent wiped and/or abraded to achieve optimum adhesion.

<sup>1</sup> Note: If surface is DensGlass Gold<sup>®</sup>, OSB, Concrete block (CMU), masonry, fiber board sheathing or cannot be cleaned to a like new surface or the surface is damp or below 45°F (7°C), primer should be used prior to the application of the membrane. Some housewrap materials may require primer, test for adhesion prior to full application. Refer to: Technical Letter Primer Selection for more information.

Protecto Wrap Company recommends testing substrates for adhesion. If adhesion to substrate is found to be marginal, then a primer shall be used to ensure optimal adhesion. Refer to: Technical Letter Primer Recommendations; See Technical Letter, Adhesion to Substrates.

## **APPLICATION**

Apply first piece of **BT25XL** to the rough opening sill; firmly roll into place using a hand roller (J-roller, Laminate roller) to smooth out any wrinkles, air bubbles or creases that would allow water to migrate behind the membrane. Set window into the rough opening and fasten per window manufacturer's instructions. Apply vertical pieces over the nailing flange at the sides of window frame, firmly roll into place using a hand roller to smooth out any wrinkles, air bubbles or creases, apply the final piece over the top nail flange and overlap the vertical sides pieces, firmly roll into place using a hand roller to smooth out any wrinkles, air bubbles or creases.

\* Additional methods and details can be found at [www.protectowrap.com](http://www.protectowrap.com) or call (800) 759-9727.

## **CLEAN UP**

Dispose of waste in accordance to local requirements. Control worksite so that boxes and release liner do not present a hazard.

Packaging materials and release liner can be recycled.

## **CAUTION**

**BT25XL** should not come into contact with solvent based products, polysulfide's, plasticized PVC roofing materials or high concentrations of resins (pitch).

<sup>2</sup> Note: It is very important in full coverage envelope applications that the **BT25XL** is tightly sealed into the roofing and below grade waterproofing systems and perimeter flashings to retain the integrity of the vapor barrier throughout the entire structure. In full building envelope applications, the dew point of the wall assembly must be engineered to the exterior of the building.

## **LIMITED WARRANTY**

This product is covered by the Protecto Wrap Standard 10 Year Limited Warranty.

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