



Premium Building Products  
That Protect

Protecto Sill Pan Flashing™  
Window and Door Sill Pan Flashing Tape

**TECHNICAL DATA**

Properties	Test Method	Test Results
Color		White/Gray
Thickness		50 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
In-Service Temperature		Up to 240°F (116°C)

**PACKAGING**

Roll Widths: 6" and 9"  
Roll Length: 50' feet per roll

**DESCRIPTION**

**Protecto Sill Pan Flashing™** 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 our proprietary asphalt / recycled butyl hybrid adhesive.

**FEATURES**

- Proprietary asphalt / recycled butyl hybrid adhesive; also available in 100% butyl adhesive
- Custom designed 1 piece sill flashing tape that conforms to the rough sill to create a continuous sill pan
- Completely seals sill corners to prevent water damage
- Easily conforms to the sill corners to provide a clean 90 degree corner without excessive buildup
- 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 1 piece self-adhered sill pan flashing for window and door installations. The unique design allows the product to be installed into the rough opening and conform to the bottom sill corners to prevent water damage. Safe for use on most wood, wood clad, aluminum, fiberglass and vinyl windows and doors

**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), under or in contact with highly conductive metal coverings, such as copper, zinc and core-tin.

**SHELF LIFE**

**Protecto Sill Pan Flashing** maintains optimum initial adhesion to substrates when used within one year from the date of manufacture.

## STORAGE

**Protecto Sill Pan Flashing** should be stored in the original, unopened container at ambient temperatures between 50°F to 90°F (10°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.

Cold Weather Storage – products should be stored in original containers in a warm dry area between 50°F to 90°F (10°C to 32°C). Product should be kept warm a minimum of 24 hours prior to and just up to installation.

## 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, exterior gypsum 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. Protecto Wrap Company recommends testing all substrates for adhesion prior to full application. If adhesion to the substrate is found to be marginal, then a primer shall be used to ensure optimal adhesion. Refer to: “Technical Letter Primer Recommendations” for more information. When used on ICF, the surface must be clean, dry and free of all dirt, dust and debris prior to application of the membrane. Protecto Wrap Company recommends testing the ICF for adhesion. If adhesion to substrate is found to be marginal, then only the Universal Water Based Primer shall be used to ensure optimal adhesion.

## APPLICATION

Measure the width of the rough opening. Cut the **Protecto Sill Pan Flashing** a minimum 6” wider than the rough sill measurement. Remove the release paper off the back of the **Protecto Sill Pan Flashing** and install into the rough opening sill a minimum 3” and extend up the sides a minimum 3” on each side. Fold the top flap into the rough opening to access the release liner. Starting in one corner, remove the release liner to expose the adhesive strip at the corner. Stretch the adhesive strip around the corner and adhere it to the sheathing and housewrap. Repeat for opposite corner. Remove the remaining release liner for the entire width of the sill and adhere the adhesive to the housewrap. Fold the top flap outward, make a cut in the flap at both corners and fold the flap onto the exposed adhesive at the sides and bottom. 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, shim and fasten per window manufacturer’s instructions. Apply vertical pieces of flashing 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. After the window is installed and flashed properly, apply backer rod and sealant or low pressure/low expansion foam into the interior rough opening gap the full perimeter of the window frame.

For **Cold Weather Applications**, products should be stored in original containers in a warm dry area between 50°F to 90°F (10°C to 32°C). Product should be kept warm a minimum of 24 hours prior to and just up to installation. 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” for more information regarding primer recommendations and “Technical Letter Cold Weather Applications”.

\* 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**

**Protecto Sill Pan Flashing** should not come into contact with solvent based products, polysulfide's, plasticized PVC roofing materials or high concentrations of resins (pitch). ). Protecto Wrap Company recommends the use of safety glasses and gloves. Protecto Wrap Company recommends the use of appropriate fall protection when working above ground level.

<sup>2</sup> Note: It is very important 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.

PROTECTO WRAP COMPANY  
1955 South Cherokee Street  
Denver, CO 80223  
(303) 777-3001 • (800) 759-9727  
FAX (303) 777-9273  
[www.protectowrap.com](http://www.protectowrap.com)