Premium Building Products That Protect

Protecto Butyl 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**
Low Temp Flexibility	**ASTM D1970**	**Pass, -20°F**
Installation Temperature		**25°F to 120°F (-4°C to 48°C)**
In-Service Temperature		**-45ºF to 300ºF (-42ºC to 149ºC)**

PACKAGING
Roll Widths: 6", 9"
Roll Length: 50 feet per roll

DESCRIPTION
Protecto Butyl 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 high temperature recycled butyl adhesive.

FEATURES
- Proprietary High Temperature 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
- Recommended for High Altitude, High Temperature and/or Highly Conductive Metal Cladding/Flashing (Copper, Cor-Ten, Zinc) applications
- Forms a positive air/vapor barrier[2]
- AAMA 711-22 compliant

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 with wood, wood clad, aluminum, fiberglass and vinyl windows and doors

LIMITATIONS
Not recommended for use in applications that may exceed 300°F (149°C).
Not recommended to be applied over uncured (wet) sealants or adhesives, even if compatible

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

STORAGE
Protecto Butyl Sill Pan Flashing 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.

Subject to change without notice. Visit www.protectowrap.com for latest version.

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.

[1] Note: If surface is DensGlass Gold®, OSB, Concrete block (CMU), masonry, fiber board sheathing, exterior gypsum, saturated felt type building wrap 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; Technical Letter Adhesion to Substrates

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 Butyl Sill Pan Flashing** a minimum 6” wider than the rough sill measurement. Remove the release paper off the back of the **Protecto Butyl 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 over the 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 Cold Weather Applications”.

* Additional methods and detail drawings can be found at www.protectowrap.com or call (800) 759-9727.

CLEAN UP
Dispose of waste in accordance with local requirements. Control worksite so that boxes and release liner do not present a hazard.
Packaging materials and release liner can be recycled.

CAUTION
[2] Note: It is very important in full coverage envelope applications that the **Protecto Butyl Sill Pan Flashing** is tightly sealed into the roofing and below grade waterproofing systems and perimeter flashings to retain the integrity of the air/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.

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.

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

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