



Protecto SILL PAN FLASH™ BUTYL

Window & Door Sill Pan Flashing Tape



A cold applied self-adhering membrane that completely seals sill corners of doors and windows to prevent water damage

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 100% butyl adhesive.

USES

- Used as a one 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 all wood, wood clad, aluminum, fiberglass and vinyl windows and doors.

FEATURES & BENEFITS

- 100% butyl adhesive
- Compatible with all known window manufacture's installation instructions
- Custom designed one piece sill flashing tape that conforms to the rough sill to create a continuous sill pan
- Completely seals sill corners to prevent water damage
- 120 day UV exposure rating
- Easily conforms to the sill corners to provide a clean 90° corner without excessive buildup
- Fully adhered system
- Seals around properly installed fasteners
- Compatible with and will adhere to most construction surfaces



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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.

NOTE: If surface is DensGlass Gold®, 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 32°F (0°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 procedure for opposite corner by removing the remaining release liner for the entire width of the sill and adhere the adhesive to the housewrap.

AVAILABLE SIZES:

6" x 50' Roll

9" x 50' Roll

Fold the top flap outward, make a 45° angle 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".

LIMITATIONS: Not recommended in high temperature applications to exceed 300°F (149°C), under or in contact with highly conductive metal coverings, such as copper, zinc and coretin.

SHELF LIFE: Protecto Sill Pan Flashing Butyl 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.

CLEAN UP: Dispose of waste in accordance to local requirements. Control work site so that boxes and release liner do not present a hazard. Packaging materials and release paper can be recycled.

CAUTION: 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.

TECHNICAL PROPERTIES

PROPERTIES	TEST RESULTS	TEST METHOD
Color	White/Grey	
Thickness	50 mil	
Tensile Strength	975 psi	ASTM D412
Elongation (adhesive only)	500%	ASTM D412
Adhesive	100% Butyl	
Permeance	0.01 perm max	ASTM E96
Nail Sealability	Pass	ASTM D1970
Operating Temperature Range	32°F (0°C) - 300°F (149°C)*	

*If temperature is below 32°F (0°C), primer should be used prior to the application of the membrane.



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