



Protecto Sill Drainage System™

Window Sill Pan System

TECHNICAL DATA

Properties	Test Method	Test Results
Color		White closed cell foam Black wicking membrane
Air infiltration	ASTM E283-99	<0.01cfm Passed
Water penetration	ASTM E547	7.50 psf
Water penetration	ASTM E331	7.50 psf
Operating Temperature		40°F to 120°F (4°C to 49°C)

PACKAGING

4" x 100' roll

DESCRIPTION

Protecto Sill Drainage System combines our aggressive butyl hybrid adhesive with positive-sloped, closed cell foam and an advanced waterproofing/wicking membrane to evacuate incidental moisture to the exterior weather plane of the structure.

FEATURES

- Forms a waterproof barrier under windows
- Can be custom fitted and cut to accommodate any window opening
- Easy Installation
- Advanced Wicking membrane captures and evacuates water to the exterior
- Closed cell foam provides continuous support for windows and helps to eliminate over/under shim
- Closed cell foam provide back dam at the window sill to help prevent water migration

USES

Protecto Sill Drainage System is used as a sill pan system under vinyl windows to evacuate incidental moisture from within the rough opening to the exterior weather plane of the building. Can also be used on some aluminum windows, please contact Protecto Wrap Company Technical Representative for application instructions and recommendations.

LIMITATIONS

Not recommended for use under wood windows, sliding doors, entry doors or swing doors. Contact Protecto Wrap Company Technical Representative for application recommendations.

SHELF LIFE

Protecto Sill Drainage System maintains optimum initial adhesion to substrates when used within one year from the date of manufacture.

STORAGE

Protecto Sill Drainage System 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

Rough opening surfaces shall be clean, dry and free of any foreign materials. The rough opening surfaces shall be free of gaps, sharp edges and protrusions.

* If rough opening surfaces cannot be cleaned to a like new surface, damp or below 40°F (5°C), primer should be used prior to the application of the membrane. Refer to: Technical Letter Primer Selection for more information.

APPLICATION

Apply **BT25XL** (or other Protecto Wrap Company membrane) flush with the top edge of the sill, extend beyond rough opening equal to the width of the flashing.

Remove release liner and apply the Detail Tape in each corner of the rough opening. Fold out over the **BT25XL**.

Measure the width of the rough opening, cut **Protecto Sill Drainage System** to fit. Apply a 3/8" bead of **Protecto Sealant 25XL** in corners and install **Protecto Sill Drainage System** to sill.

Install window with a continuous 3/8" bead of **Protecto Sealant 25XL** behind nailing flange.

Apply **BT25XL** flashing over side jambs and head of window to complete installation.

An animated version of the installation process is available at www.protectowrap.com

* Additional methods and details can be found at 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 Drainage System should not come into contact with solvent based products, polysulfide's, plasticized PVC products or high concentrations of resins (pitch).

LIMITED WARRANTY

This product qualifies for the Protecto Wrap Company 15 Year Warranty when used as a complete system. Contact Protecto Wrap Company for more information.

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