



Premium Building Products
That Protect

Protecto Flex®
Flexible Window and Door Flashing

TECHNICAL DATA

Properties	Test Method	Test Results
Color		White/Gray
Thickness		40 mils
Elongation (adhesive)		500%
Permeance	ASTM E96	.01 perms maximum
Nail Sealability	ASTM D1970	Pass
Peel Adhesion	ASTM D3330 Method F	Pass
Installation Temperature		40°F to 120°F (5°C to 48°C)
In-Service Temperature		-45°F to 240°F (-42°C to 116°C)

PACKAGING

Roll Width: 4", 6", 8", 9"
Roll Length: 50'

DESCRIPTION

Protecto Flex® is a cold applied self-adhering membrane composed of a flexible cross laminated High Density Polyethylene creped film coated with a layer of rubberized asphalt.

FEATURES

- 120 Day exposure rating
- Fully adhered system
- Conformable to radius windows and doors
- Seals around properly installed fasteners
- Provides a continuous total air and water seal without having to cut and patch to conform to radius openings
- Easy peel and stick application

USES

Used as a continuous flashing to waterproof/air seal around radius/curved windows and doors.

LIMITATIONS

Not recommended for use as a flexible sill pan, please consult a Protecto Wrap Company Technical Representative for more information.

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.

Do not over-stretch when applying to radius or curved surfaces.

Not recommended for use over or near solvent based sealants. See Technical Letter Chemical Compatibility.

Not recommend to be applied over uncured (wet) sealants or adhesives, even if compatible

Not recommended for use over or in contact with PVC or TPO type roof coverings.

Not recommended in high temperature applications to exceed 240°F (116°C).

SHELF LIFE

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

STORAGE

Protecto Flex 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.

Cold Weather Storage – products should be stored in original containers in a warm dry area between 40°F to 90°F (5°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. Refer to: Technical Letter Primer Selection for more information.

Protecto Wrap Company recommends field testing substrates for adhesion before full application. 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.

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 the ICF substrate is found to be marginal, then only the Universal Water Based Primer shall be used to ensure optimal adhesion.

APPLICATION

Protecto Flex should be cut a minimum of 12" longer than the length of the radius or curved opening. Start by overlapping the side jamb or sill flashing a minimum 6", remove the release liner and adhere to the existing flashing. Continue removing release liner and adhering Protecto Flex to the nailing flange and sheathing surface, smooth out the membrane using a hand roller (J-roller, laminate roller) as you go to minimize air bubbles and creases and to ensure proper adhesion. Protecto Flex will conform to the radius or curved surface with minimal stretching, ensure the membrane is tight to the window or door frame as you go around the radius or curve. The end should overlap onto the jamb or sill flashing a minimum of 6". If the Protecto Flex is over-stretched or installed onto a tight radius application, the outer edge of the Protecto Flex may need to be mechanically fastened to ensure proper adhesion around the outer edge. Apply housewrap or building paper over the Protecto Flex at the sides and head of the window. Use housewrap tape or equivalent to seal the housewrap to the exterior of the Protecto Flex.

For **Cold Weather Applications**, products should be stored in original containers in a warm dry area between 40°F to 90°F (5°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 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 Flex should not come into contact with solvent based products, polysulfide's, plasticized PVC roofing materials or high concentrations of resins (pitch).

If Protecto Flex is over-stretched, the outer edge of the membrane may curl or lift off of the substrate; this can be remedied by attaching the membrane to the surface with non corrosive mechanical fasteners along the outer edge.

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.

PROTECTO WRAP COMPANY
1955 South Cherokee Street
Denver, CO 80223
(303) 777-3001 • (800) 759-9727
FAX (303) 777-9273
www.protectowrap.com
Made in U.S.A.