

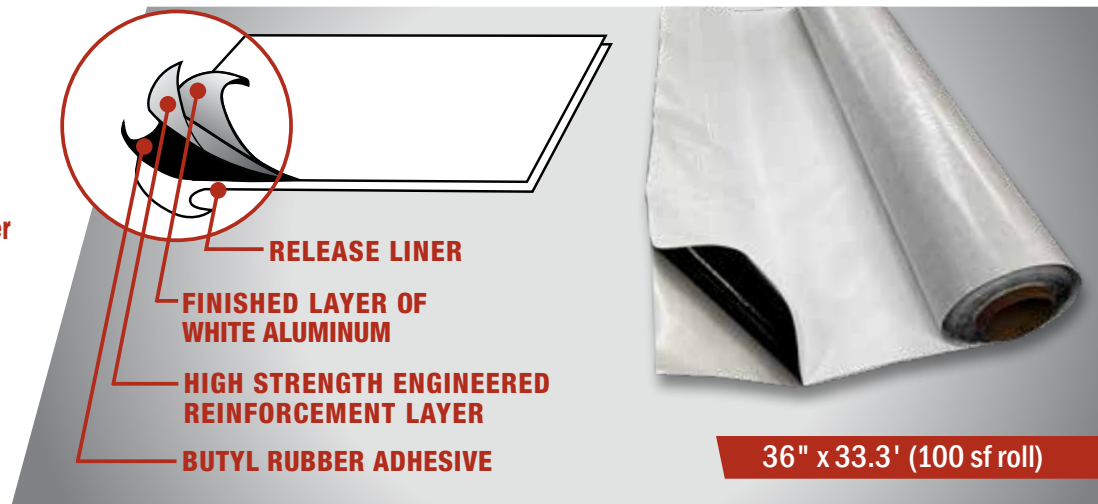


PROTECTO ROOF™

All Weather Roofing and Waterproofing Membrane

PRODUCT DESCRIPTION

- High Temperature, Exposable Roofing Membrane
- Strong Reinforced White Aluminum Facer
- Tough and Durable - Puncture Resistant
- Easy Peel & Stick Application
- Class A Fire Rating
- 10 Year Warranty



Protecto Roof is a self-adhered, exposable roofing and waterproofing membrane consisting of a reinforced white aluminum finished surface combined with a layer of high-quality butyl rubber adhesive. The flexibility of the membrane allows for ease of application to many configurations and various uses including low pitch applications typically found on garages, porches, manufactured housing, metal buildings or as flashing on skylights and vents.

The reinforced white aluminum provides a tough and durable top layer that is puncture resistant and is UV resistant even at high altitudes. The white aluminum reflects heat to help keep interior temperatures cooler.

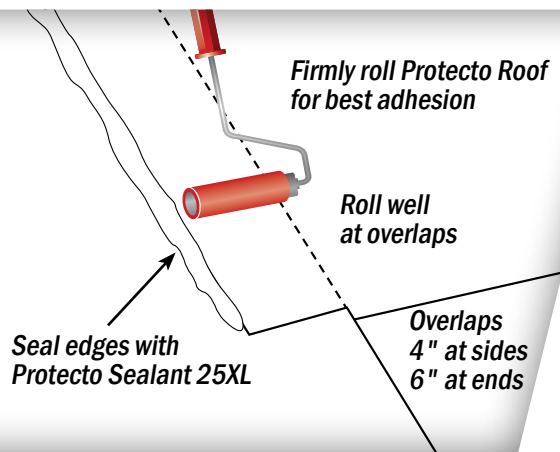
**Ideal for Full Roof,
Low Pitch or Roof/ Flashing
Repairs**

WHY IS PROTECTO WRAP'S BUTYL ADHESIVE DIFFERENT?

Protecto Wrap's proprietary butyl formula promotes excellent adhesion to the substrate and itself for a strong bond at overlaps. This provides improved initial tack and facilitates easier application at low temperatures 25°F (-4°C) as well as a high temperature operating performance up to 300°F (149°C). The butyl adhesive is chemically stable and has a very low risk for incompatibility with other materials. The proprietary blend contains a high amount of recycled material and the butyl base contains 100% recycled material.

FEATURES & BENEFITS

- Exposable Roofing for Commercial and Residential Applications
- Ideal for Full Roof, Low Pitch or Roof / Flashing Repairs
- Butyl Rubber Adhesive - Rated up to 300°F (149°C)
 - Seals Around Properly Installed Fasteners
 - Install As Low As 25°F (-4°C)
 - Will Not Dry Out or Get Brittle Over Time
- Can be Used as Finished Roofing or Temporary Roof Protection
- UV Resistant White Aluminum Reflects Heat
- Silicone and Urethane Sealants are Compatible with and will Adhere to Protecto Roof
- Strong Bond to Substrate and at Overlaps
- Adheres to Wood, Metal, Vinyl, EPDM and More
- IAPMO ER 362 Certified



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APPLICATION:

Protecto Roof can be installed on any exterior grade solid sheathing normally used for roof decking. Install membrane such that all laps shed water in both vertical and horizontal installations. Valleys require a minimum 18" width of Protecto Roof centered down the full length of the valley. Install membrane starting at the lowest point of roof slope and work up the slope. Roof deck surface shall be clean, dry and free of any foreign materials. The roof deck surface shall be free of gaps, sharp edges and protrusions. Do not walk on surface when wet or covered with frost as there is an increased risk of injury. Metal surfaces may need to be solvent wiped and/or abraded to achieve optimum adhesion.

PRIMING:

Protecto Roof can be installed without primer on most applications. If enhanced adhesion is needed or desired, use Protecto Wrap #80 Solvent Based Primer or Protecto Wrap Universal Water Based Primer.

INSTALLATION STEPS:

- AVAILABLE SIZES:**
- 36" x 33.3' Roll (100 sf per roll)**
- #1) Apply Protecto Roof only in fair weather conditions when air, roof deck and membrane temperatures are at 25°F (-4°C) or higher.
 - #2) Position the roll into the desired location, roll out the membrane and cut to length as needed.
 - #3) Align the roll with edge of eave or overlap of preceding roll, pull membrane tight, start by removing a portion of the release liner and adhere to roof deck (reposition as needed prior to removing the remaining release liner).
 - #4) Lift the opposing end of the membrane and remove or strip the release liner, pulling it to one side, keep membrane aligned and tight, adhere membrane to the roof deck while another person brooms the sheet flat.
 - #5) Edge laps are 4" minimum and end laps are 6" minimum. All laps should be firmly pressed or rolled to ensure a positive seal.
 - #6) Firmly roll installed Protecto Roof to assure good adhesion and to eliminate any wrinkles or air bubbles. Roll overlaps well.
 - #7) Protecto Wrap recommends sealing all exposed termination edges and overlaps with Protecto Sealant 25XL.

LIMITATIONS:

Not recommended for applications that may exceed 300°F (149°C).
Not for use over granular surfaces. Protecto Roof is not intended for use in areas of ponding water. Minimum slope for drainage = 1/2" per foot.

SHELF LIFE:

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

STORAGE:

Protecto Roof 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.

CLEAN UP:

Dispose of waste in accordance with local requirements.

CAUTION:

Protecto Wrap Company recommends the use of safety glasses and gloves. Protecto Wrap Company recommends the use of appropriate fall protection when working aboveground level.

LIMITED WARRANTY:

This product is covered by the Protecto Wrap Standard 10 Year Limited Warranty. For warranty statement and additional product information, visit www.protectowrap.com

Properties	Test Method	Test Results
Color		Aluminum Silver
Thickness		45 mil
Tensile Strength	ASTM D412	400psi
Peel Strength	ASTM D903	3.64 PLI
Puncture Resistance	ASTM E154	75 lbs
Low Temperature Flex	ASTM D1970	-20F (-29C) No cracks or delamination
Elongation	ASTM D412	Minimum of 225%
Nail Sealability	ASTM D1970	Pass
Permeance	ASTM E96	<.05
Installation Temperature		32°F to 120°F (0°C to 48°C)
Installation Temperature Cold Weather with Primer		-10°F to 120°F (-23.3°C to 48°C)
In-Service Temperature		-45°F to 300°F (-42°C to 149°C)
Fire Rating	ASTM E84	Class A



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