



Premium Building Products  
That Protect

**TECHNICAL DATA**

Properties	Test Method	Test Results
Color	-	White Facer / Black Adhesive
Thickness	-	35 mils ± 5 mils
Tensile Strength	-	400psi
Elongation	-	(ultimate 500% min. failure of butyl mass)
Permeance	-	.013 avg.
Pliability	-	Pass
Installation Temperature	-	32°F to 120°F (0°C to 48°C)
In-Service Temperature	-	-45°F to 300°F (-42.8°C to 148.8°C)
Nail Sealability	-	Pass

**PACKAGING**

Roll Size:

- 4" x 50' (12 rolls/case)
- 6" x 50' (8 rolls/case)
- 9" x 50' (4 rolls/case)
- 12" x 50' (4 rolls/case)

**DESCRIPTION**

Protecto Wrap SafSeal - 6610 Seam Seal Tape is a self-adhering air and moisture barrier for use on vertical and horizontal above grade substrates.

**FEATURES**

- SafSeal - 6610 can be used for, but is not limited to, the following applications:
- Sealing joints on gypsum sheathing in cavity wall construction
- Window and door flashings
- Beneath metal cap flashing
- Other areas where a moisture, vapor or air barrier is required
- Applications on surfaces as cold as 32°F (0°C) or above
- All critical high-temperature applications where a moisture, vapor or air barrier is required
- 120 day exposure rating

**USES**

SafSeal - 6610 is a 35 mil thick polyethylene faced butyl adhesive membrane that can be applied to gypsum board, steel, concrete, building paper, block wall, insulation board, plywood, metal, styrene and polyethylene surfaces to form a positive and immediate moisture and vapor barrier protection system. SafSeal - 6610 has excellent conforming characteristics to irregular surfaces, low temperature adhesion and high temperature flow stability. The butyl rubber compound adhesive provides excellent thermal resistance to high-temperature environments. The butyl compound adhesive has been tested and proven not to cold flow at elevated temperatures up to 300°F (149°C).

**LIMITATIONS**

Not recommend to be applied over uncured (wet) sealants or adhesives, even if compatible  
 Not recommend for use over granulated surfaces.  
 Not recommended for use on substrates with standing water or visibly wet surfaces, dirty surfaces, frozen

## SHELF LIFE

SAFSEAL- 6610 maintains optimum initial adhesion to substrates when used within one year from the date of manufacture.

## STORAGE

SAFSEAL- 6610 should be stored in a dry, well-ventilated area out of direct sunlight between 50°F (10°C) and 90°F (32°C). Do not double stack pallets. Do not store rolls on end. Do not remove from box until ready to use.

## PREPARATION

Surfaces should be clean, dry and free of dirt and other foreign matter. Surfaces must be 32°F (0°C) or above. For any application below 32°F (0°C), or excessively dusty gypsum sheathing, we recommend that the surface be primed with one of the listed primers below and depending on temperature or regional related requirements. Concrete, masonry, or retrofit surfaces to be waterproofed must be primed. The surface shall be free of gaps, sharp edges and protrusions.

## PRIMERS

Protecto Wrap Company self-adhered membranes come into contact with various substrates in many different conditions. In some cases primers are needed to ensure optimum adhesion to the substrate. Use the following guide to determine the recommended primer, mastic and sealant that can be used depending on the application.												
Primer Ref. #	Primer Name	Primer Description	Coverage per		Substrate/Surface/Primer Reference #							
			Sq. Ft.	UOM	Wood; Plywood; Pressure Treated; OSB	Sheet Metal, Galvanized Metal, Steel (1)	Aluminum (1)	Vinyl	Concrete Flatwork	Concrete Vertical	Concrete Block	Dens Glass Gold <sup>o</sup>
1	#80 / 1170 VOC	Asphalt based for horizontal surfaces/substrates*	175 - 200	gal.								
3	#100 VOC	High Tack SBS based for vertical and weathered surfaces*	150 - 225	gal.								
4	BT	A moisture tolerant, high tack SBS rubber based primer for horizontal and vertical surfaces *	150	gal.								
5	Spray Tak	Aerosol Spray Can high tack adhesive intended for use on "Small Areas" (short open time)	100	13 oz. can								
8	Universal Water Base	A low VOC high tack water based primer for int. and ext. use on horizontal and vertical surfaces	250 - 350	gal.								
* Not recommended for sale or use in areas that have VOC Emission Limits of less than 300 gm/liter												
Substrate/Surface/Primer Reference #												
Membrane/Tape Product	Membrane Adhesive	Wood; Plywood; Pressure Treated; OSB	Sheet Metal, Galvanized Metal, Steel (1)	Aluminum (1)	Vinyl	Concrete Flatwork	Concrete Vertical	Concrete Block	Dens Glass Gold <sup>o</sup>	ICF		
SafSeal												
SafSeal 6626/60 Foil Tape	Butyl	1,3,8	1,3,8	1,3,8	3,4,5,8	1,3,8	-	-	-	-		
SafeSeal 6610 SeamSeal Tape	Butyl	3,4,5,8	3,4,5,8	3,4,5,8	3,4,5,9	3,4,5,8	3,4,8	3,4,8	4,8	8		
Saf Seal 6634 A&VB; TWF	Butyl	3,4,5,8	3,4,5,8	3,4,5,8	3,4,5,10	3,4,5,8	3,4,8	3,4,8	4,8	8		

(1) Metal surfaces may need to be solvent wiped and/or abraded to achieve optimum adhesion.

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<sup>1</sup> Note: Protecto Wrap Company recommends testing substrates for adhesion prior to full application. See Technical Letter Adhesion to Substrates.

## APPLICATION

Cut a piece of SAFSEAL- 6610 in a length that can be easily handled. Begin the application by removing approximately 12 inches of the release paper and center the tape over the area to be sealed. Horizontal joints should be covered first, then vertical joints. Firmly press or roll the SAFSEAL- 6610 against the surface and continue pulling off the release paper while smoothing the tape into place. Roll the SAFSEAL- 6610 to ensure a tight seal and minimize trapping air beneath the tape. Membrane overlaps should be a minimum of 4".

Mechanical fasteners (i.e. staples or screws) may be used for additional attachment on the substrate, if desired. SAFSEAL- 6610 will self-seal around smooth shank fasteners. For any other fastener types please contact Protecto Wrap Company.

Housewrap materials may be coated and self-adhering tapes may not bond without the assistance of primers or adhesives. Contractors should test samples of housewraps for compatibility. SAFSEAL- 6610 can be used with housewraps without the requirement of primer or adhesives.

<sup>1</sup> Note: Protecto Wrap Company recommends testing substrates for adhesion prior to full application. See Technical Letter Adhesion to Substrates.

**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**

SAFSEAL has an aggressive adhesive, we recommend removing 3" to 6" of the poly film release liner at a time while installing to help prevent the tape from sticking to itself.

\*\*\***NOTE:** although chemically compatible, with PVC and TPO roof membranes, the oils in the Butyl adhesive, may cause the roofing membrane to discolor.

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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