



# 6634 AIR & VAPOR BARRIER/WALL FLASHING

**Protecto Wrap SafSeal Systems 6634 Air & Vapor Barrier/Wall Flashing** is a peel-and-stick membrane for use as a positive air/vapor stop in everyday building construction. 6634 is a 40 mil cross-laminated, thermal-resistant, polyethylene-backed, synthetic butyl rubber-based adhesive waterproofing membrane that fully bonds to most substrates through the primer course. 6634 has excellent conformability characteristics to irregular surfaces, low temperature adhesion, and high temperature flow stability. The synthetic Butyl rubber compound provides excellent thermal resistance to high-temperature and extreme low-temperature environments in cavity wall and thru-wall applications. The butyl compound adhesive has been tested and proven not to cold flow at elevated temperatures up to 300°F (149°C).

6634 is compatible with and will adhere to steel, wood, concrete, building paper, block wall, dry wall, insulation board and Dens-Glass Gold®. 6634 has a coated release liner and is available in a variety of roll widths, both of which contribute to its ease of application. There are multiple applications that utilize the aggressive adhesive characteristics of this membrane including, but not limited to:

- As a thru-wall flashing membrane, used in conjunction with cavity wall membrane applications, or alone as a vapor/water transmission diversion membrane.
- As a cavity wall construction full building envelope wrap membrane.
- As a vapor barrier in mechanically fastened roofing systems.
- Sealing window and door perimeters to the building substrates.
- Sealing around skylights.
- Sealing joints in exterior gypsum board.
- Sealing penetrations in roof and wall systems.
- Sealing joints in insulation systems.

## GENERAL APPLICATION

Surfaces should be clean, dry and free of dirt and other foreign matter. SafSeal 6634, when used as a wall moisture, vapor and air barrier, should be applied from the bottom up vertically in a "wall paper" type configuration. All laps should be applied in a "shingling" effect down the wall. Peel back approximately 1' to 2' of the release liner and align the membrane on the substrate fully adhering the exposed adhesive. Pull the release liner while applying the membrane to the substrate using hand pressure. Hand roll the seams and membrane to assure maximum adhesion and conformability, while minimizing air entrapment. Overlaps are 2" minimum and end laps are 6" minimum.

When applying 6634 as a vapor barrier to Dens-Glass Gold, 5500 Primer must be used. 5500 Primer is moisture tolerant and is suitable for use on moist or damp Dens-Glass Gold.

When using 6634 as a wall flashing, apply horizontally, in workable lengths while utilizing the above application procedures. Make sure all seams and membrane are fully adhered, conformed and rolled to the substrate. All surfaces require the use of 5500 Primer to assure a proper bond to the substrate. Apply at a rate of approximately 150 to 250 square feet per gallon (coverage rate will depend on the porosity of the substrate). 5500 Primer must be allowed to dry approximately 30 minutes or until tacky, but not wet, to a dry finger.

5535 Mastic should be used on top of the membrane for detailing around wire ties, posts, protrusions, membrane cuts, repairs and any difficult to conform to areas.

When using 6634 as a wall moisture barrier, the wall system must be designed so that the dew point is located outside the 6634 Building Wrap system. Building must have proper HVAC air circulation and make up air. See HVAC Installer for proper specifications.

## STORAGE

6634 should be stored in a dry, well-ventilated area out of direct sunlight between 50°F and 90°F. Do not double stack pallets. Do not store rolls on end. Do not remove from box until ready to use.

## TECHNICAL SPECIFICATIONS

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Color:	Black
Thickness:	40 mils ± 5 mils
Tensile Strength:	250 p.s.i.
Elongation (ultimate failure of butyl mass):	500% min.
Permeance:	.013 avg.
Pliability:	Pass
In-Service Temperature:	-30°F to 250°F

## UV EXPOSURE

6634 should not be left exposed for more than 120 days maximum.

## PACKAGING

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Roll Size:	6" x 67' (6 rolls/case)
	12" x 67' (3 rolls/case)
	18" x 67' (2 rolls/case)
	36" x 67' (1 roll/case)
Weight/Case:	72 lbs.
Cases/Pallet	6": 18 cases
	12": 30 cases
	18": 30 cases
	36": 25 cases
5500 Primer:	1 gallon (4 gallons/case)
	5 gallons (5 gallons/pail)
Weight/Case:	36 lbs./46 lbs.
	30 cases/33 cases



## Protecto Wrap SafSeal Systems

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