

Class A Customs Membrane Installation Instructions

As soon as possible, while on top of clean unit remove membrane from box, do not drag over edge of unit.

- **Do Not** allow membrane to sit boxed, use as soon as possible.
- **Do Not** allow membrane to touch ground, dirty surfaces, sharp objects, or surfaces, including lifted screw head and edges.
- **Do Not** drag the membrane as this can cause punctures and tears, this is not covered under warranty.
- Membrane can be glued either side down. Single-Ply membranes are the same color throughout.

Membrane must be installed onto clean wooden surface, do not install on top of existing membrane, glue, etc.

- Router all vent and accessory openings. Sand all openings, seams, and edges to a smooth finish. Remove all debris off roof with air hose.
- Apply seam tape (2" minimum width) evenly onto roof and sidewall to cover any sharp edges, it is required that seam tape be used to avoid edge splits. (We do not provide seam tape due to different sized needed)
- Make sure all screw heads and surfaces are smooth and level throughout, raised screws will puncture membrane and is not covered under warranty.

Membrane Installation

1. Cut the membrane to fit roof length with an excess of at least 6" front and rear.
2. "Bed Sheet" the membrane. That is, fold it in half so half of the roof is exposed.
3. Apply adhesive in a wet film thickness of 8-10 mils with a short-napped paint roller to the exposed half of the roof decking, brush can be used but is more difficult. (1 gal. will cover approximately 160-200 sq ft. best when applied in air temperatures over 50 deg F (10 deg C).
4. Lay the roof membrane over the wet adhesive, the membrane needs to be adjusted both in width (side to side) and length (front to rear) to ensure the membrane is as flat as possible before the squeegee process. Let surplus material drape over the side of the unit for perimeter finishing.
5. Remove all air pockets and wrinkles with a squeegee (gray neoprene head will not streak) or linoleum roller; press firmly working from the center outward toward the edges, do not be on the roof during this time. All wrinkles must be removed at this point for a quality installation. The roof will tighten and conform as the adhesive cures removing creases, be sure to complete roof securing steps *before* allowing roof to dry.
6. Repeat steps 2 – 5 for remaining half of roof.

Roof Securing Steps

7. Apply putty/butyl tape to the backside of the roof-edge molding. Then while holding the bar, draw surplus material tight with a downward pull, but do not stretch the membrane. Drive screws through molding, membrane, and roof framing members. For best application install molding from center of unit to ends.
Alternative method, staple membrane in place using ½" staples 3"-5" apart then apply bar.
If roof-edge moldings are not installed on roof during this time membrane will peel-up as drying.
8. Apply putty/butyl tape to the backside of the front and rear termination moldings/caps. Front cap will lay on top of the membrane, membrane should lay on top of the rear cap. Reinstall termination molding using screw type fastener, make sure to screw into sufficient roof structure to prevent lifting. Both edges of the front and rear roof molding must be sealed with caulk/sealant. A minimum 3/8" bead will work for most applications.

Openings & Vents and Appliance Installation

1. Using a utility knife "x" cut all roof openings. Make sure you round all 90-degree corners to eliminate the possibility of running cuts.
2. Surplus material must be secured by staples or screws inside the openings, trim all excess material.
3. Apply putty/butyl tape to all vents and accessories, when installing if any bubbles are noticed in membrane smooth bubble to vent opening and secure vent with screws.
4. Seal around all vents and accessories. Apply sealant to all visible screw heads. There is no need to spread the sealant as you are applying it. A minimum 3/8" bead will work for most applications.

*Butyl tape provides the "Primary Seal" against water infiltration or penetration in these membrane roof assemblies. The lap sealant is a secondary seal. Butyl tape must be compressed 30% to 40% to perform correctly.

Warning: Cancer and reproductive harm. www.P65Warnings.ca.gov.

Warranty Registration Must Be Completed Within 30 Days

<https://classacustoms.online/membrane-warranty-registration/>