



SUPERFLEX ROOF INSTALLATION INSTRUCTIONS

1. Route all necessary vent and accessory openings. Sand all wood decking openings, seams and edges to a smooth surface. Blow debris off roof (wood decking) with air hose.
2. Apply duct tape (2" minimum width) evenly onto roof and sidewall to cover sharp metal or fiberglass edge.
3. *Optional:* Apply a porous tape (masking or fiberglass mesh) to seam the decking where butted together. This will help hide decking seams and give the finished roof a smoother appearance while strengthening the joint.
4. Make sure all screw heads and surface is smooth and level throughout.
5. Place roof membrane on top of unit. Cut the roof sheet to fit roof length with an excess of at least 6" front and rear. Square as required.
6. "Bed Sheet" the roof. That is, fold it in half so half of the deck is exposed.
7. Apply water based adhesive, #8010 or #8011, in a wet film thickness of 8-10 mils with a paint roller or brush to the exposed half of the roof deck. (1 gal. will cover approximately 160-200 sq ft.)
8. Lay the roof membrane over the wet #8010 or #8011 adhesive.
9. Before removing air pockets with a squeegee (gray neoprene head will not streak), the membrane must be lifted and pulled taut from each of the four corners of the roof. The membrane needs to be adjusted both in width (side to side) and length (front to rear) to ensure the roof is as flat as possible before the squeegee process.
10. Remove all air pockets with a squeegee; press firmly working from the center outward toward the edges. All wrinkles must be removed at this point for a quality installation. The roof will tighten and conform as the adhesive cures.
11. Repeat steps 6 through 10 for remaining half of roof. (In mass production situations the entire roof may be glued all at once.)
12. Using a utility knife "x" cut all roof openings. Make sure you round all 90-degree corners to eliminate the possibility of running cuts. Surplus material can be stapled inside the vent openings. Let surplus material drape over the side of the unit for perimeter finishing. **The roof edges can be sharp – IT IS REQUIRED that duct tape be used to avoid edge splits.**
13. Apply butyl tape to the backside of the roof-edge molding. (Size of butyl will depend on unit design) Then while holding the bar, draw surplus material tight with a downward pull. Attach the drip edge bar, working outward from the center of the unit. When fully installed, use a utility knife to cut surplus material from below the bar.
14. Assemble and attach roof molding where the roof membrane meets the front and rear end caps. **Remember the roof molding must be secured to a cross member.**
15. Apply butyl tape to all vents and accessories on the roof. QM-130 1/8" x 3/4 is recommended for all roof top components where screws are used to penetrate roof membrane.
16. Prior to sealing the roof, make sure to have Alpha #1021 self-leveling (for the top of the roof) and #1010 non-sag sealant (top of the roof-edge molding) available. **ONLY ALPHA SUPPLIED SEALANTS CAN COME IN CONTACT WITH YOUR SUPERFLEX MEMBRANE. DO NOT USE SILICONE!** **Silicone will not adhere to the Superflex roof membrane.** Seal around all vents and accessories. Apply sealant to all visible screw heads. Both edges of the front and rear roof molding must also be sealed. There is **no need** to spread the sealant as you are applying it. A **minimum** 3/8" bead will work for most applications.

YOUR SUPERFLEX ROOF INSTALLATION IS NOW COMPLETE

*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.