

Installation Instructions

NOTE: Only technicians trained in commercial roof installation should install this product.

VERY IMPORTANT: Before installation begins, clean roof membrane surface with approved membrane cleaner.

STEP 1: Mark a spot on the roof membrane to indicate where the center of the attachment should be located.



STEP 2: Place the base plate on the roof, centering the unit on the membrane mark that was made in Step 1.

FOR NON PVC MEMBRANE: The ring will have a foam compression seal adhered to the bottom of the base plate. Center the base plate over the target location so that the foam layer lies directly on the roof membrane.

FOR PVC MEMBRANE: The base plate will NOT have a compression foam seal attached. See special PVC section for this step at end of instructions.



STEP 3: Mechanically attach the base plate through the membrane and into the roof deck using appropriate OMG Roofing Fasteners (sold separately). Add ½-in. to the length of the fastener to compensate for the base plate thickness. Special care should be given to drive the fasteners perpendicular to the deck, not at an angle. Do not over or under drive fasteners.

In order to ensure that the PowerGrip Universal is installed properly, the fasteners should be tightened in the star pattern shown. Take care to confirm that each fastener is tight but not overdriven. When installed correctly, the foam under the base plate for non-PVC roof systems should be visibly compressed.

Approved fasteners:

- OMG XHD® Roofing Fastener (#15)
- OMG RetroDriller Fastener
- OMG HD Roofing Fastener (#14)



STEP 4: Once the base plate is attached to the roof, loose lay the cover plate over the base plate by aligning the bolt holes. Once the bolt holes are properly aligned, mark the cover plate and membrane as shown to help re-align the cover plate for final installation in step 6.



STEP 5: Apply a ½-inch wide bead of water block sealant (specified by roof membrane manufacturer, supplied by others) around the edge of the underside of the cover plate.



STEP 6: Lay cover plate onto base plate, taking care to align it using the indicator marks made in Step 4.



STEP 7: Using the bolts supplied, hand tighten all four bolts to secure the cover plate to the base plate. Once hand tightened, use a ratchet to tighten bolts. Bolts should be applied at a torque of 60-70 in-lbs.

CAUTION: Do not use a power drill or screw gun as over-driving could damage the EPDM washers on the bolts.



STEP 8: Once the cover plate is secured to the base plate, inspect to ensure that water block sealant has squeezed out around the edges of the top disc. Apply more water block around the edge of the disc if necessary.



FOR PVC MEMBRANE APPLICATION

Step 2 Instructions in PVC applications

For PVC applications, there is not a compression foam seal attached to the base plate. Use additional water block sealant (specified by roof membrane manufacturer, supplied by others). Apply a wide bead of water block sealant around the edge of base plate as shown. After installing the ring to the roof, inspect to ensure that the water block sealant has squeezed out around the edge of the ring.



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Always check with roof system manufacturer for installation criteria and written acceptance of the intended application prior to installation. Failure to do so could void the roof warranty.

OMG.
PowerGrip™
Universal ROOF MOUNT SYSTEM

Patent Nos. US 8,733,718; US 9,103,112.