

Anchor Products® U2400 EPDM Installation Guide

U-Anchors® provide a secure method for fastening rooftop equipment directly to the roof deck without complex detailing or compromising the system's watertight integrity. Properly installed, they are leak-proof by design, highly versatile, and capable of supporting a wide range of rooftop accessories, helping eliminate conditions that were once considered unwarrantable.

This installation guide is intended for use by experienced Authorized Applicators. Each project must follow its specific specifications and engineering requirements to ensure proper securement and safety.



U-Anchor Plate

Required Tools:

- » Drill with applicable bit
- » Fasteners per project requirements
- » EPDM membrane cleaner and splice wipes
- » EPDM primer and paint brush or roller
- » Marker or crayon

Optional Tools:

- » Chalk line

Step 1: Align the U-Anchor Plate according to the engineered design. Most layouts and designs are transferred to the roof surface using chalk lines. If alignment is needed, use the notches in the plate to position the anchor plate along the chalk line. *Avoid using permanent chalk such as red chalk.*

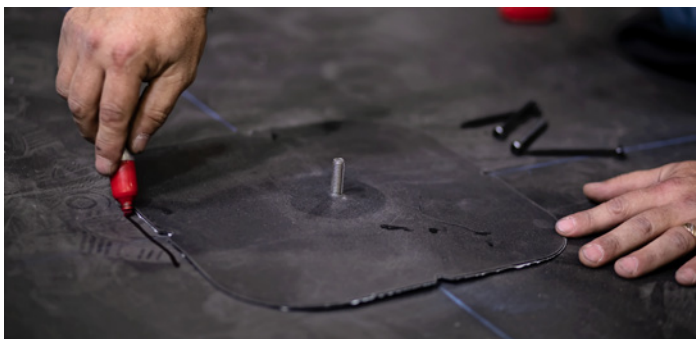


Step 2: Install the U-Anchor Plate with the type and number of fasteners specified by your design professional, securing the plate to the roof deck through the existing roofing system.



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Step 3: Temporarily install the flashing membrane and mark its perimeter. This will define the area where primer will be applied in Step 4.



Step 4: Remove the flashing membrane. Apply EPDM primer within the area marked in Step 3, ensuring coverage extends onto the U-Anchor plate. Allow the primer to flash off until it is tacky to the touch, per standard EPDM priming procedure.



Step 5: Using scissors or a utility knife, cut a slit in the release liner on the underside of the flashing membrane. With the liner still attached, insert the bolt through the center hole of the cover flashing and position it by aligning the notches with the chalk line (when applicable).

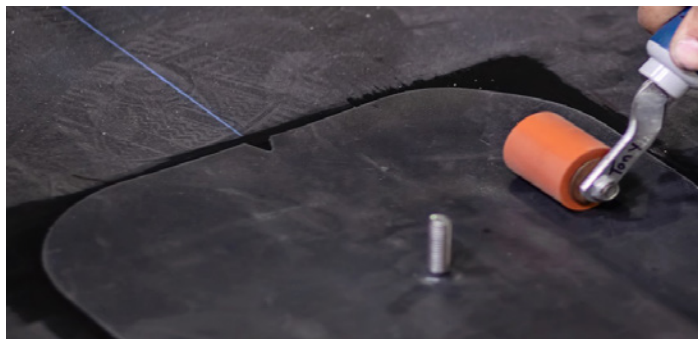


Step 6: Remove the release liner by pulling it out at a 90° angle from beneath the flashing, taking care not to shift the material. Press the flashing firmly onto the roof surface and U-Anchor plate, smoothing it with your hands to avoid wrinkles and air pockets.



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Step 7: With a 2-inch-wide hand roller, roll the flashing membrane to achieve proper bonding to the roof and U-Anchor plate.



Step 8: Install the Separation Disk before attaching any components to the U-Anchor. Adhesion is not required, as the disk's purpose is to protect the primary flashing material from damage during accessory installation. However, it may be adhered in place with primer if preferred.



Additional Note:

- » Lap Sealant is not required around the membrane flashing, as the flashing is non-reinforced, cured EPDM.
- » If the U-Anchor is installed over a membrane seam creating a T-joint, follow Carlisle's EPDM U-2B detail for proper T-joint treatment.
- » Wood nailers are required beneath anchors, in place of insulation, when the weight of the supported component could indent or damage the insulation.
- » Contact Carlisle if fastener length exceeds 12".