



Description

The U-Anchor 2000-TPO is a lightweight rooftop attachment system consisting of a thermoplastic target membrane and a U-Anchor 2000 series plate. The plate is factory welded to the target membrane and a matching thermoplastic cover membrane is applied over the plate and onto the target membrane, encapsulating the plate. The U2000-TPO provides a positive, watertight, manufacturer accepted attachment for fully adhered TPO roofing systems. The U-Anchor can be used on EPDM roofing with the addition of butyl tape using manufacturer approved primer.

Additionally, the U2000-TPO acts as an effective expansion joint at each rooftop attachment point and minimizes stress to roof components.

Advantages

- Extremely strong and lightweight.
- Fast installation, approximate rate of 12 per man hour.
- Installs on any flat surface.

U-Anchor Attachment

The U2000-TPO is attached to a fully adhered roofing system by hot air welding around the perimeter edge consistent with the specified roofing manufacturer's hot air welding specifications.

*** U2000-TPO can also be attached to EPDM roofing membrane with the use of butyl tape. This application requires additional engineering.*

Equipment Attachment

To securely mount your rooftop equipment to the U-Anchor, after its installed, the connection nut must be fastened to approximately 20-25 ft/lb.

Use a calibrated torque wrench during install to ensure appropriate results are achieved.

Testing / Approvals

- Accepted - All Major Roofing Manufacturers

Individual deck assembly reports available upon request.

Ratings

Results are base on plate performance only.

- Ultimate Load - Shear: 1800 lbs
- Ultimate Load - Tension: 1800 lbs

Welded TPO U-Anchor to TPO roofing.

EPDM Ratings

Ultimate load-Shear-950 lbs.
Ultimate load-tension-550 lbs.

*Test was performed in accordance with:
ASCE 7-10 ASTM E330-02 (2010) TAS 1178*

Warranty

- Standard 20 Year Material Only Warranty

Product Specs

Bolt

- 3/8"-16 x 1.5" Bolt*
- Material Type: 304 Stainless Steel

Plate

- Outer Diameter: 5-1/2"
- Fastener Hole Diameter: 17/64" (8 holes)
- Fastener Hole Pattern: 4-1/8" Diameter
- Material Thickness: 0.047" (1.194mm)
- Material Type: Galvalume® AZ55

Target Membrane

- Manufacturer: Brand Specific OR Generic
- Color: Default White*
- Length: 15.75"
- Width: 15.75"
- Thickness: Default 60 mil*

Patents

- Visit www.anchorp.com/patents

Packaging Specs

- Sold Individually OR Full Box Quantity
- Individual Weight: Approx. 1.1875 lbs
- Full Box Quantity: 10 units
- Box Weight: Approx. 16 lbs
- Box Dimensions: 17" x 11" x 17"
- Full Pallet Quantity: 30 boxes
- Pallet Dimensions: 48" x 40" x 67"

* Specified option is standard. Custom options may be available for additional charge. Lead times may apply depending on roofing manufacturer and product availability.

