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Description

The U-Anchor 3000-TPO is a lightweight rooftop attachment system consisting of a thermoplastic target membrane and a U-Anchor 3000 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 U3000-TPO provides a positive, watertight, manufacturer accepted attachment for mechanically attached and fully adhered TPO roofing systems.

Additionally, the U3000-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 U3000-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.

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

*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

- Dimensions: 11.08" x 5.47"
- Fastener Hole Diameter: 17/64" (12 holes)
- Material Thickness: 0.047" (1.194mm)
- Material Type: Galvalume® AZ55

Cover Membrane

- Manufacturer: Brand Specific OR Generic
- Color: Default White*
- Length: 21.5"
- Width: 15.75"
- Thickness: Default 60 mil*

Patents

- Visit www.anchorp.com/patents

Packaging Specs

- Sold Individually OR Full Box Quantity
- Individual Weight: Approx. 2.089 lbs
- Full Box Quantity: 10 units
- Box Weight: Approx. 20 lbs
- Box Dimensions: 19" x 13" x 8"
- Full Pallet Quantity: 20 boxes
- Pallet Dimensions: 48" x 40" x 73"

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

