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Description

The U-Anchor 2000-TPO is a lightweight rooftop attachment system consisting of a thermoplastic target membrane and an 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 is welded to the target membrane, encapsulating the plate, followed by a separator disk. The U2000-TPO provides a watertight, warranted attachment solution for TPO roofing systems.

The U2000-TPO is ideal for roof assemblies that are difficult to fasten to, and provides additional tax incentives for qualifying rooftop solar installations.

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 or low slope surface.

U-Anchor Attachment

The U2000-TPO is attached to a roofing system by hot air welding around the perimeter edge consistent with the specified roofing manufacturer's hot air welding specifications. *(Alternative options available for mechanically attached roof assemblies.)*

Location and spacing of each U2000-TPO is dictated by project specific engineering.

Equipment Attachment

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

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

Refer to product documentation for detailed installation and component requirements.

Testing

Results are based on plate performance only.

- Shear and Tension values vary dependent upon roof assembly.
- Contact engineering for specific values.

Tested in accordance with ICC AC467

Individual roof deck assembly tests available upon request as application specific results may vary.

Warranty

- 20 Year Limited Material Only Warranty.
Subject to terms and conditions.

Product Specifications

Bolts

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

Plate *(encapsulated between the membranes)*

- Outer Diameter: 5.5"
- Steel Thickness: 0.047" (1.194mm)
- Material Type: Galvanized Steel G90

Target Membrane

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

Patents

- Visit www.anchorp.com/patents

Packaging Specifications

- Sold Individually OR Full Box Quantity
- Individual Weight: Approx. 1.1875 lbs
- Full Box Quantity: 10 units
- Box Weight: Approx. 15 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.

All representations herein are premised on proper installation and use of approved components. Failure to properly install or use of unapproved components voids all Anchor Products representations.

Anchor Products systems are included in many roofing manufacturers' guarantees! Please contact us for more information.

