



Product Description:

IB TPO U-Anchor 3400 is a lightweight rooftop attachment system consisting of a thermoplastic target membrane and a U-Anchor 3400 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 IB TPO U-Anchor 3400 provides a positive, watertight, IB accepted attachment for adhered or attached IB TPO roof systems.

Use:

- Provides a suitable flashing device connection for mounting various types of rooftop equipment, HVAC tie-downs, piping & equipment support systems, and solar attachments to the roof system.
- Fast installation, approximate rate of 12 per man hour. Installs on any flat surface.
- Acts as an effective expansion joint at each rooftop attachment point and minimizes stress to roof components.
- **Note:** Designed for both adhered and attached IB TPO roof systems.

Thickness:

60 mil

Available Colors:



*Gray and tan are special order only

Packaging:

- Each box contains ten (10) U-Anchor units.
- Box weight = 17.0 lbs.

Product Information:

Plate Material Type	G90 Galvanized Steel
Plate Material Thickness	0.047" (1.194 mm)
Plate Dimensions	11" x 5.5"
Bolt Dimensions	3/8" x 1-3/8" (2 bolts)
Bolt Material Type	304 Stainless Steel
Fastener Hole Dimension	0.265 (12 predrilled holes)
Flashing Dimensions	11-3/4" x 17-1/2"
Weight	1.4 lbs.

Application:

Refer to IB TPO Specifications and Construction Details for installation requirements and additional information for specific uses. Flashings must not be applied during adverse weather or without precautionary measures in temperatures below 40°F (4°C). All surfaces should be clean, dry, free of dirt, dust, debris, oils, soaps, coatings, and other contaminants that may inhibit bonding. Prior to application, use the



Product details stated are nominal as manufactured, and the results of tests and/or calculations and therefore are non-binding and do not represent a guarantee or warranted characteristics. User and/or designer are responsible for confirming suitable performance for specific application and conforming with all applicable laws and regulations.

IB TPO Cleaner to ensure no oil, dirt, moisture, or other foreign materials are present on either the receiving substrate. Align the U-Anchor according to the engineered design. Secure the U-Anchor through the roof system to the structural deck or structural members using the correct type and quantity of fasteners specified by the design professional. **Note:** The plate has twelve (12) pre-drilled holes to facilitate securement. The IB TPO U-Anchor 3400 Flashing is applied to the IB TPO roof systems by hot air welding around the perimeter edge of the flashing base following IB TPO hot air welding guidelines.

To securely mount the rooftop equipment attachment to the U-Anchor, after it is installed, the connection nut must be fastened to approximately 20-25 torque pounds. Use a calibrated torque wrench during installation to ensure appropriate results are achieved.

Refer to www.ibroof.com for additional installation instructions.

Storage:

Store U-Anchors indoors, out of direct sunlight, in original unopened containers and away from objects that could cause physical damage or create punctures as well as ignition sources. The membrane flashing is flammable and will catch fire when exposed to open flame.

Safety Precautions:

Use proper equipment and assistance when moving, lifting, handling, or transporting membrane rolls to avoid personal injuries as well as damage to the membrane. Refer to the Product Safety Data Sheet for additional safety information.

Go to <https://ibroof.com/tds> for the most up-to-date version of this document.

Toll Free: 800-426-1626

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