

U-ANCHOR™ U2000

For Adhered Systems

DESCRIPTION:

The U-Anchor™ U2000 is a single-bolt attachment designed for solar systems with all Duro-Last®, Inc. membranes. Each bolt is secured to a 2000 series plate and factory-welded to a square membrane skirt.

This system does not use fasteners and solely relies upon the membrane skirt completely welded to the deck/parapet membrane for waterproofing and movement protection.

TYPICAL USES:

- Solar anchor

PRODUCT SPECIFICATIONS:
Bolt

- 3/8" – 16 x 1.5"
(Diameter) – (Thread Count) x (Bolt Length)
- Material Type: 304 stainless steel

Plate

- Dimension: 5.5" diameter
- Material Thickness: 0.047"
- Material Type: galvanized steel G90

Membrane Skirt

- Dimensions: 15.75" x 15.75"
- Type: 50 mil Duro-Last* **
- Color: white*

* Custom options may be available for an additional charge. Lead times may vary.

**** Do not use Duro-Last EV membrane with any other membrane type.**

ORDERING:

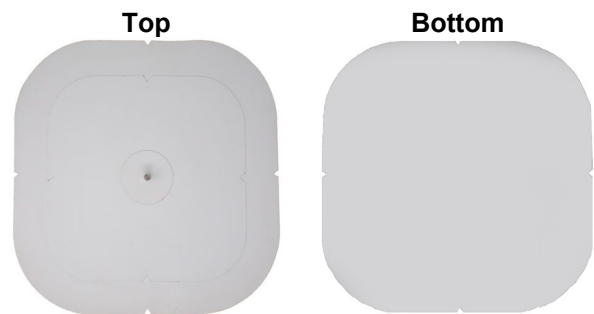
U2000 can be ordered individually.

- Product as listed above (Item #1242-200)***
 - Weight: 1.19 lb.

*** Refer to Product Specifications for custom options.

STORAGE AND HANDLING:

- Store product out of direct sunlight on elevated pallets.
- Always store in a dry location protected from the elements.


PRECAUTIONS:

- Wear proper personal protective equipment, such as gloves and eye protection.

INSTALLATION:

1. U2000 Attachment
 - a. Hot-air weld the entire membrane skirt to the deck/parapet membrane.
2. Equipment Attachment
 - a. To securely mount rooftop equipment to the U2000, after it is installed, the connection nut must be fastened to approximately 20 – 25 ft/lb. Use a calibrated torque wrench during installation to ensure appropriate results are achieved.

PLATE LOAD RATING ¹	
Ultimate Load – Shear	Results dependent upon roofing system assembly. Contact Anchor Products for specific values.
Ultimate Load – Tension	

Tested in accordance with ICC-ES AC408 Section 3.2

¹ Results are based on performance of the bolt and plate assembly only.

DISCLAIMER:

Performance of all U-Anchor products is dependent on the number of fasteners used, fastener capacity, fastener pull out value, and physical properties of all roof assembly components present under the U-Anchor plate.

The installing contractor is solely responsible for installation conditions and load capacities of U-Anchor assemblies. Duro-Last Quality Assurance Technical Representatives will inspect for water-tightness of the Duro-Last Roofing System only.