

FlashAnchor™ ROOF STANCHION

TPO Low Slope Systems

OVERVIEW

FlashAnchor Roof Stanchions are Factory Certified Prefabricated Attachments used to mechanically secure racking and other roof top equipment to low slope TPO roofs. FlashCo's FlashAnchor Roof Stanchions provide a secure, non-penetrating, waterproof connection to the roof deck and sub-structure. FlashAnchors are constructed using a TPO Coated Metal plate assembly, 3/8" diameter threaded 316-grade stainless steel bolts, and 60 mil reinforced TPO membrane.

INSTALLATION

Installation of FlashCo's FlashAnchors shall be installed in accordance with the recommendations and specifications of the roofing material manufacturer. FlashAnchors are used to anchor various equipment and racking for solar panels. The specific installation method will vary based on the situation. Project-specific data is required to determine the correct fastener, number of fasteners per anchor, and quantity required. A ANSI/SPRI FX-1 Pull Test is recommended to measure the pull-out resistance of fasteners included in the load path.

1. Prepare all welding surfaces by cleaning with TPO membrane cleaner.
2. Lift membrane flange to utilize alignment arrows and fasten into the structural decking through the coated metal flange using 2-8 fasteners, as approved by project engineering.
3. Heat weld membrane flange to field membrane.
4. Probe the edge of the membrane along all welds
5. Apply cut edge sealant, TPO only (provided by others) around edge of flange.

Typical properties and characteristics are based on tested samples. Not all samples of products reflect the same results as samples tested. The data and information listed is meant as a guide and does not reflect specification range for any particular property of this product.



FEATURES AND BENEFITS

- Provides a secure, waterproof anchor to the roof deck.
- Superior performance with tensile and shear tests exceeding 1,000 lbf.
- Works with mechanically fastened, fully adhered and ballasted roof systems.
- Ideal for solar racking, support racking and other roof top applications.

SAVING THE CONTRACTOR TIME

- FlashCo strives to ship 90% of orders within 1-3 days
- Get off the roof sooner
- Reduce installed costs

TESTING

- Maximum Load - Shear: 1,363 lbs.
- Maximum Load - Tensile: 1,709 lbs.

*Results are based on plate performance only.

STANDARD MATERIALS & COLORS

Component	Material	Size	Standard Colors
Bolt	316 Stainless Steel Steel	0.375" dia. x 1.5" long*	N/A
Plate	24 g G90 Galvanized Steel	9.5" x 9.5"	N/A
Membrane Flange	60 mil reinforced TPO	16" x 16"	White, Gray Tan

*Longer sizes available.