

WeatherBond TPO

Curb Wrap Corners



Overview

WeatherBond's prefabricated TPO Curb Wrap Corners are made from specially designed 60-mil (1.5 mm) reinforced TPO Detail Membrane which provides added flexibility and allows for the elimination of T-Joint Covers at splice intersections. Designed to reduce installation time compared to field-fabrication, each corner has a 12" (300 mm) overall height and a 6" (150 mm)-wide base flange. Available in three sizes to fit curbs up to 36" x 36" (0.9 m x 0.9 m) in size, TPO Curb Wrap Corners are packaged 12 per carton and are offered in standard white, with other sizes and colors available on a special order basis.

WeatherBond's TPO Curb Wrap Corners are part of the Certified Fabricated Accessory (CFA) Program. Certified Fabricated Accessories are the only factory-fabricated accessories that meet the stringent quality tolerances required to be included in a WeatherBond roofing system.

Features and Benefits

- Provides a substantial labor savings compared to field-fabricating a curb flashing from reinforced membrane and outside corners
- May be used individually as an outside corner flashing on walls and off-sets
- Special sizes, one- and two-piece curb flashings can be fabricated on a custom order basis

Installation

1. Remove TPO Curb Wrap Corners from the shipping box. Crease the flashing to create the 90-degree angle change at the curb base. Complete this on both legs of the corners.
2. Position four TPO Curb Wrap Corners around the curb ensuring each remains plumb and tack-weld in place.
3. Weld the four corners together after placing a piece of cardboard between the deck membrane and the deck flange overlaps. (The cardboard prevents the horizontal deck flange from fusing to the deck membrane, allowing the entire flange to be welded with an auto-welder later in the installation process).
4. After removing the cardboard pieces, weld the horizontal deck flanges of the curb wrap to the deck membrane with an auto or hand-held welder. If an auto-welder is utilized, at each outside corner the nozzle must be removed to change directions. Leave an opening large enough to insert the nozzle of a hand-held welder and weld these areas tight once the rest of the deck flange is welded into place.
5. Once the membrane has completely cooled, check all splices for voids and cold-welds using a seam probe. Make any needed repairs.
6. Nail off or tack-weld the flashing to the top of the curb.
7. Apply Cut-Edge Sealant to all edges of the deck flashing. Do not apply the sealant to vertical surfaces.reinforced PVC membranes.

REVIEW CURRENT WEATHERBOND INSTALLATION INSTRUCTIONS FOR SPECIFIC INSTALLATION REQUIREMENTS.



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Precautions

1. All existing loose flashing must be removed prior to the installation of TPO Curb Wrap Corners.
2. Bonding adhesive is not required when the flashing height is 12" (300 mm) or less and the membrane is terminated under metal counterflashing (nailed). When a coping or termination bar is used for vertical termination, the bonding adhesive may be eliminated when the flashing height is 18" (450 mm) or less.
3. Install fastening plates through the field sheet at the base of all curbs. Position the fastening plates so the prefabricated flange covers the plates. A minimum 1½" (40 mm)-wide weld must be maintained around the outer edge of the flange beyond the plates. If fastening plates cannot be installed in a manner to allow a minimum 1½" (40 mm) weld, the plates must be placed outside the prefabricated flange and covered with a welded reinforced WeatherBond TPO membrane overlay.
4. Store TPO Curb Wrap Corners in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. VersiWeld TPO Curb Wrap Corners or membrane that have been exposed to the weather must be prepared with Weathered Membrane Cleaner prior to hot-air welding.

Typical Properties and Characteristics

Property	Test Method
Corner Sizes	7", 13", 19" (18, 33, 48 cm)
Curb Sizes Finished:	12", 24", 36" (30, 61, 91 cm)
Packaging	12 per bag
Weight (per carton)	0.5, 0.9, 1.3 lbs. (0.2, 0.4, 0.6 kg)
Material	Reinforced 60-mil (1.5 mm) TPO membrane
Color	White

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.



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