



Sure-Weld[®] TPO

Curb Wrap Corners



Overview

Carlisle's prefabricated Sure-Weld 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.

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

Features and Benefits

- » Provides substantial labor savings compared to field-fabricating curb flashings
- » Specially designed TPO Detail Membrane provides enhanced flexibility and allows for the elimination of T-Joint Covers at splice intersections
- » May be used individually as an outside corner flashing on walls and off-sets
- » Special sizes, as well as one- and two-piece curb flashings, can be fabricated on a custom basis
- » Easier to work with in colder temperatures
- » Acceptable for up to 30-year warranties

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 4 TPO Curb Wrap Corners around the curb, ensuring each remains plumb, and tack-weld in place.
3. Weld the 4 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, the nozzle must be removed to change directions at each outside corner. 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 in 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 TPO Cut Edge Sealant to all edges of the deck flashing. Do not apply the sealant to vertical surfaces.

Review Carlisle specifications and details for complete installation information.

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Precautions

- » All existing loose flashing must be removed prior to the application of TPO Curb Wrap Corners.
- » Bonding adhesive is not required when the flashing height is 12" (300 mm) or less and the membrane is terminated under metal counter flashing (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.
- » Secure the field sheet at the base of the curb using Piranha Plates™ and the appropriate fasteners. Position the plates so they are completely covered with the prefabricated flange. A minimum 1 ½"-wide (40 mm) weld must be maintained around the outer edge of the flange beyond the plates. If plates cannot be installed in a manner to allow a minimum 1 ½" (40 mm) weld, the plates must be placed outside the prefabricated flange and covered with a welded, reinforced Sure-Weld TPO membrane overlay.
- » Store TPO Curb Wrap Corners in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. TPO Curb Wrap Corners or membranes that have been exposed to the weather must be prepared with Weathered Membrane Cleaner prior to hot-air welding.

Typical Properties and Characteristics

Sizes	7", 13", and 19" (18, 33, and 48 cm)
Curb size finished	12", 24", and 36" (30, 61, and 91 cm)
Packaging	12 per box
Weight (each)	0.5, 0.9, and 1.3 lbs (0.2, 0.4, and 0.6 kg)
Material	Reinforced 60-mil (1.5 mm) TPO Detail Membrane
Color	White (Gray and Tan are available via custom order)

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.

LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Piedmont, SC Eugene, OR
Solar Reflectance Index (SRI)	White: 99