



# Sure-Weld<sup>®</sup> TPO

## Universal Corners



### Overview

Carlisle's labor-saving, pre-molded Sure-Weld TPO Universal Corners are ideal for flashing corners on a variety of details.

Carlisle's Sure-Weld TPO Universal Corners are a part of the Certified Fabricated Accessory (CFA) program. CFAs 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

- » Conforms easily to details on new construction installations, where right angles are common
- » Each Universal Corner can be cut into one outside corner or one inside corner
- » Large, 6"-wide deck flange reduces the need for T-Joint Covers (when used as an outside corner)
- » Provide a substantial labor savings compared to field-fabricating from non-reinforced flashing
- » More professional, consistent appearance than field-fabricated corners

### Productivity Boosting Features and Benefits:

- » Up to 60% labor savings compared to traditional field fabrication
- » Quick and simple installation with no stretching required
- » One product to utilize for both an inside or outside corner



### Installation

See the diagram on page two for cutting instructions. The cutting instructions are also molded into each part. Use a lower temperature setting on the heat welder than when welding reinforced TPO membrane. Typically, a setting of 6 on a scale of 10 is appropriate for welding Universal Corners.

#### Outside Corner

1. Clean the surface to be welded with Weathered Membrane Cleaner.
2. Place the outside Corner into position over the outside intersection of the corner.
3. Begin welding at the bottom point of the outside corner. Weld straight up the vertical portion of the corner. Weld each side of the outside corner, working from the inside toward the outside.
4. Weld the bottom flange starting on the inside and working towards the outer edges. Use the edges of the roller to crease the corner into any membrane step-off to create a proper seal.
5. Once the material has completely cooled, probe all welded edges of the corner to ensure watertight performance.

#### Inside Corner

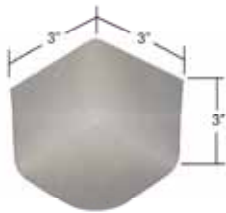
1. Clean the surfaces to be welded with Weathered Membrane Cleaner.
2. Position the inside corner into the corner setting. Begin welding at the innermost corner point and work up and away from the corner. Weld each side of the inside corner, working from the inside toward the outside.
3. Weld the bottom flange starting on the inside and working towards the outer edges. Use the edge of the roller to crease the corner into any membrane step-off to create a proper seal.
4. Once the material has completely cooled, probe all welded edges of the corner to ensure watertight performance.

*Review Carlisle specifications and details for complete installation information.*

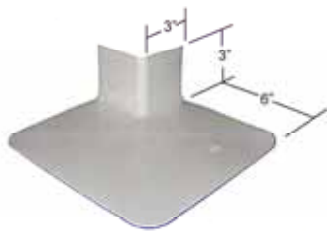
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Each Universal Corner can be cut into one Inside or Outside Corner.



Inside Corner



Outside Corner

### Typical Properties and Characteristics

Thickness	0.060" (1.5 mm)
Packaging	20 per carton
Color	White, gray and tan
Material	Injection-molded TPO

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	Bloomington, IL

### Precautions

- » Store TPO Universal Corners in a cool, shaded area and cover with light-colored, breathable, waterproof tarpaulins. TPO Universal Corners or TPO membrane that has been exposed to the weather prior to use must be prepared with Weathered Membrane Cleaner before hot-air welding.