

# DURO-TECH TPO CURB FLASHINGS

## DESCRIPTION:

Duro-TECH TPO Curb Flashings ("Curb Flashings") are used for flashing of rectangular curbs such as skylights, mechanical equipment, HVAC units and rooftop hatches. Curb Flashings can be made in the following three methods:

- **Closed Curb Flashing**

Used when the Curb Flashing can be pulled over the top of the curb with no obstructions.



- **Open Curb Flashing**

Used when the Curb Flashing must be wrapped around the curb because of obstructions.



- **Curb Corners**

Used as an option for closed or open Curb Flashings. Four properly overlapped Curb Corners will produce a complete Curb Flashing.



**OPEN CURB FLASHING**



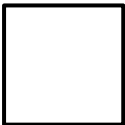
**CURB CORNER**

Each Curb Flashing and Curb Corner is made from 60-mil (1.52-mm) Duro-TECH™ TPO membrane.

## ORDERING:

All Curb Flashings and Curb Corners are available in white, tan, and gray.

White



Tan



Gray



**Closed and open Curb Flashings** are ordered to the dimensions of individual curbs.

- Height: 8 inches (203 mm)
- Skirt: 6 inches (152 mm)
- Minimum dimensions (length and width): 12 inches (305 mm)
- When ordering:
  - Add 1/4 inch (6 mm) to each dimension
  - Specify "closed" or "open"

**Curb Corners** are ordered individually and can be ordered in different sizes to accommodate multiple curb dimensions. When curb dimensions vary, for example a 24- x 36-inch (610- x 914-mm) curb, two 13-inch (330-mm) and two 19-inch (483-mm) Curb Corners will be required for proper overlaps.

Extra TPO membrane can be added in between the Curb Corners for larger curbs.

CURB CORNER ITEM NUMBERS AND SIZES			
Item #	Size	Finished Curb (four of each size)	Curb Height
White (13309TW) Tan (13309TB) Gray (13309TG)	7 in. (178 mm)	12 x 12 in. (305 x 305 mm)	9 in. (229 mm)
White (13310TW) Tan (13310TB) Gray (13310TG)	13 in. (330 mm)	24 x 24 in. (610 x 610 mm)	12 in. (305 mm)
White (13311TW) Tan (13311TB) Gray (13311TG)	19 in. (483 mm)	36 x 36 in. (914 x 914 mm)	12 in. (305 mm)
White (13312TW) Tan (13312TB) Gray (13312TG)	25 in. (635 mm)	48 x 48 in. (1.2 x 1.2 m)	12 in. (305 mm)
White (13313TW) Tan (13313TB) Gray (13313TG)	31 in. (787 mm)	60 x 60 in. (1.5 x 1.5 m)	12 in. (305 mm)
White (13314TW) Tan (13314TB) Gray (13314TG)	37 in. (940 mm)	72 x 72 in. (1.8 x 1.8 m)	12 in. (305 mm)

**STORAGE AND HANDLING:**

- Keep away from ignition sources.
- Always store in a dry location protected from the elements.

**PRECAUTIONS:**

- Keep away from ignition sources.
- Wear proper personal protective equipment, such as gloves and eye protection, per the Safety Data Sheet.

**INSTALLATION:**

Installation must be completed in compliance with the appropriate Duro-TECH TPO details and specifications.

1. On re-roof applications, existing flashings must be torn out and/or appropriately separated from the Curb Flashing.
2. Fasten around the base of the curb with approved TPO plates and fasteners using the same fastener spacing that was used to install the TPO deck membrane (not to exceed 18 inches (457 mm) on center).

**NOTE: AT LEAST ONE FASTENER MUST BE INSTALLED PER SIDE. IT IS NOT NECESSARY TO PLACE PLATES AND FASTENERS AT THE CORNERS.**

3. Prepare all affected surfaces to be welded with an approved TPO membrane cleaner, if necessary.

4. Position Curb Flashings
  - a. Closed – Slide over curb
  - b. Open – Wrap around curb
  - c. Curb Corner – Place at all four corners (ensuring a minimum overlap of 1-1/2 inches (38 mm)).
5. Open Curb Flashings and Curb Corners must have all vertical overlaps heat (hot-air) welded with a minimum 1-1/2-inch (40-mm) weld.
6. Heat (hot-air) weld the Curb Flashing and/or Curb Corner's TPO skirt to the TPO deck membrane with a minimum 1-1/2-inch (40-mm) weld.
7. The top of the TPO membrane must be backsealed with approved TPO sealant or caulk directly to the curb substrate.
 

**NOTE: CURB FLASHINGS MUST EXTEND, AND TERMINATE, A MINIMUM OF 8 INCHES (203 MM) VERTICALLY.**
8. Using a Termination Bar, secure with approved TPO fasteners through the backsealed TPO membrane, 6 inches (152 mm) on center using the Termination Bar's pre-punched holes.
 

**NOTE: A FASTENER MUST BE LOCATED WITHIN 1 INCH (25 MM) OF EACH CORNER. NEW HOLES MAY NEED TO BE PRE-DRILLED INTO THE TERMINATION BAR.**
9. Apply a bead of approved TPO caulk along the top of the Termination Bar.