

1. Product Name

Elevation® T-Bar Concrete Balcony Edge Stop

2. Manufacturer

Formulated Materials, LLC
3010 NW 149th St., SUITE 100
Oklahoma City, OK 73134
Tech Services : (844) 405-3676
www.formulatedmaterials.com
www.formulated.info

3. Product Description

Elevation® T-Bar Concrete Balcony Edge Stop is a premium-quality, 6063 aluminum alloy T-Bar approved for use with all ELEVATION® Waterproofing systems. The product is manufactured to our specifications, resulting in greater strength and consistency of dimension, gauge, and finish when compared to many regionally available products.

Properly installed, Elevation® T-Bar provides a pour stop for the wear layer on a waterproofed balcony and maintains a weep system to ensure proper removal of moisture trapped beneath the wear layer.

Key Features

- Higher quality, better finish, and increased durability explicitly designed for use in balcony applications
- Increased strength reduces the risk of damage during transport and before application of the wear layer
- Wider nail flange eases installation
- Available in anodized or milled finish
- Consistent dimensions assure proper pour depth
- Backed by a full system warranty and manufacturer support
- Installed by a network of technically trained licensed dealers

Where to Use

- Multifamily construction
- Apartments
- Hotels
- Condominiums
- Single-family homes
- Commercial office spaces
- Renovation of aging wood frame or concrete structures

Product Composition

- 6063 Aluminum



Product Limitations

- The T-Bar is one component of an entire Elevation Waterproofing System and will perform as described, but ultimate performance is dependent upon the design, components, and implementation of the waterproofing system
- Limitations not to be construed as all inclusive

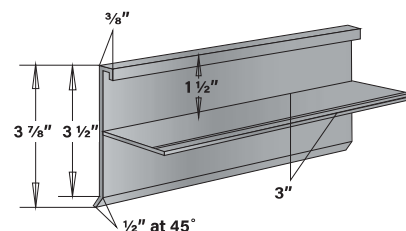
Packaging

- 10' and 12' Lengths Packed in bundles of 80
- 1.5", 2.0", 2.5" & 3.0" Pour Depths
- Mill Finish or Anodized (Clear, Brown, and Black)

4. Technical Data

Technical Chart

Property	Results
Material	6063 Aluminum
Thickness	0.058" (1.47mm)
Height	3.875" (98.4mm)
Nail Flange	3.000" (76.2mm)
Temper	T5
Tensile Strength (min)	17 ksi



Sizes also available for 1.5", 2", 2.5", and 3" pour depth.
(Contact Sales for details and availability)

Environmental Considerations

Formulated Materials is dedicated to environmental responsibility in product development and manufacturing processes.

5. Instructions

General Surface Prep

Ensure the surface is clean, dry, and structurally sound. Repair any cracks, spalling, or unstable areas. Remove dust, dirt, oil, grease, and contaminants. Use mechanical methods (grinding, sanding) if needed. Verify moisture levels meet product requirements. Address excessive moisture if necessary. Apply primer as specified and allow it to dry thoroughly. Maintain recommended temperature and humidity. Avoid extreme conditions. Perform a final check to clear debris and confirm the surface meets all preparation guidelines before application.

Installation of Product

Always read the Safety Data Sheet (SDS) for full precautionary instructions before use.

Tools Required:

- Tape Measure
- Snips or Angle Grinder
- Hammer
- 1.5" – 2.0" Roofing Nails

Application

- The T-Bar is installed after the installation of the waterproofing system
- Measure and Cut:
 - Measure the distance along the balcony face between the mounting plates of the TTPs and cut the T-Bar accordingly.
 - T-Bar should extend over the T-Bar Termination Pocket base plate and into the trough to ensure proper shingling and drainage are maintained.
 - Material can be cut with angle grinder (using appropriate grinding wheel) or heavy duty metal shears. Proper PPE should be used at all times when cutting or shaping.
- Address Exterior Corners (if applicable):
 - Measure from each TTP to the corner and add 2" to your total length.
 - Mark the corner location, adding 1" from the desired corner.
 - Cut a "V" into the nailer flange of the T-Bar and notch the top flange.
 - Snip the kick-out on the bottom-front-face of the T-Bar for relief when folding at 90.
 - Fold the metal at the corner with moderate pressure and trim the ends for proper alignment.
- Add Spacer Shims:
 - Place Elevation® Spacer Shims every 14" along the bottom of the T-Bar that rests on the deck to create consistent spacing for the weep system.
 - Overhang T-Bar by 1/4" to identify where to drive fasteners.
 - Also run spacer shim down the back-side of the down-leg of the T-Bar to continue the weep system.

- Fasten the T-Bar:
 - Position the T-Bar over the Spacer Shims, ensuring the weep gap remains unobstructed.
 - Nail the T-Bar to the deck through the shims, securing stability.
 - Apply a dab of Elevation SM2 Lap Sealant over nail heads to reinforce waterproofing.

Go to www.formulatedmaterials.com and formulated.info for more detailed installation information.

Storage & Protection

- This product is temperature stable and weather resistant.
- Care should be taken when handling, particularly full bundles, to avoid bending or crushing exposed edges

Health Precautions

- Follow all local safety regulations, including OSHA Section V: Chapter 4 for Fall Protection in Construction
- Always review the full label and Safety Data Sheet (SDS) for detailed precautionary instructions before use.

Conformance to Building Codes

Installation must comply with all applicable local, state, and federal codes, regulations, and industry standards.

6. Availability

Mill Finish	10'	12'
1.5" Mill Fin.	10326-10	10326-12
2.0" Mill Fin.	10330-10	10330-12
2.5" Mill Fin.	10332-10	10332-12
3.0" Mill Fin.	10334-10	10334-12
Clear Anodized	10'	12'
1.5" Clear Anod.	10327-10	10327-12
2.0" Clear Anod.	10331-10	10331-12
2.5" Clear Anod.	10333-10	10333-12
3.0" Clear Anod.	10335-10	10335-12
Bronze Anodized	10'	12'
1.5" Bronze Anod.	10336-10	10336-12
2.0" Bronze Anod.	10338-10	10338-12
2.5" Bronze Anod.	10340-10	10340-12
3.0" Bronze Anod.	10342-10	10342-12
Black Anodized	10'	12'
1.5" Black Anod.	10337-10	10337-12
2.0" Black Anod.	10339-10	10339-12
2.5" Black Anod.	10341-10	10341-12
3.0" Black Anod.	10343-10	10343-12

7. Product Warranty

For details and complete warranty information, visit
www.formulatedmaterials.com.

8. Product Maintenance

Properly installed products do not require ongoing maintenance.

9. Technical Services Information

For Technical Services, contact Formulated Materials at (844) 405-3676.

10. Filing System

Additional product information is available from Formulated Materials upon request.



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