

1. Product Name

Elevation® Spacer Shim

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® Spacer Shim is a self-adhering, EPDM-based component designed to create a consistent weep gap in waterproof deck or balcony systems. Maintaining space between the drip edge and the T-Bar facilitates proper drainage, preventing water from becoming trapped beneath concrete toppings. Unlike traditional field-created shims, Elevation® Spacer Shim is incompressible, eliminating the risk of crushing under fastener pressure and ensuring long-term performance.

Primary Application

- Provides a uniform drainage gap between the T-Bar and drip edge.
- Prevents moisture accumulation beneath concrete overlays.
- Ensures proper alignment and spacing of waterproofing elements.
- Enhances seal integrity around fastening penetrations.

Key Features

- Self-Adhering: Simplifies installation by securing directly to the T-Bar.
- Uncrushable: Maintains structural integrity under fastener pressure.
- Self-Sealing: Forms a tight seal around fasteners to prevent moisture intrusion.
- Precision Spacing: Ensures proper drainage with maximum 18" O.C. spacing.

Where to Use

- Between T-Bar and Waterproofing Membrane.

Product Composition

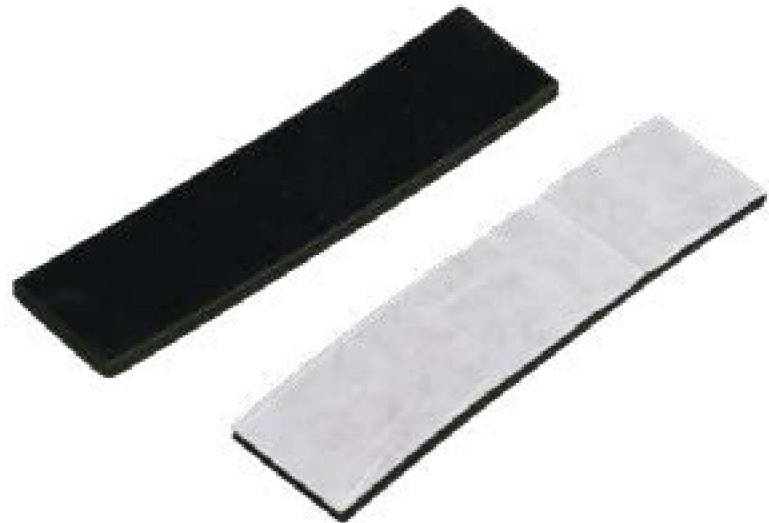
- Non-compressible EPDM

Product imitations

- Not intended for permanent UV exposure (limit to 90 days)
- Surfaces must be clean, dry, and free of contamination

Product Composition

- 2000 Shims per box.



4. Technical Data

Technical Chart

Property	Results
Raw Material	EPDM
Color	Black
Width	1"
Length	4"
Depth	1/8"

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.

Surface Prep

- Ensure all surfaces are clean, dry, and free from contaminants before installation.

Application

1. Install the T-Bar

- Measure and Cut: Measure the distance along the balcony face between the mounting plates of the TTPs and cut the T-Bar accordingly.
- 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. Fold the metal at the corner with moderate pressure and trim the ends for proper alignment.

2. 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.

3. 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.

Storage & Protection

- Store between 40° F (5° C) and 100° F (38° C).
- Avoid exposure to direct sunlight and moisture before installation.

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

Item	Description	Size	Per Box	Color
10321	Elevation® Spacer Shim	1" x 4"	2000	Black

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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