

Architectural Shapes

888.702.9915
www.totalwall.com

Expanded Polystyrene Shapes

AMERICA'S EIFS AND STUCCO COMPANY!

Total Wall Architectural Shapes are ready to install exterior enhancements for any residential or commercial structure.

Total Wall Architectural Shapes are made of solid EPS (expanded polystyrene) carefully coated with a reinforced base coat and durable acrylic finish coat.

Total Wall Architectural Shapes can be custom cut to the exact shape and requirements of any project.

Total Wall Architectural Shapes are easily installed using our adhesives, or mechanical attachments.



Features

- **Unlimited Design Capabilities**
- **Light Weight**
- **Weather resistant**
- **Environmentally Friendly**

Installation

Total Wall Architectural Shapes are attached adhesively. Optional mechanical attachments may be used depending on the dimensions of the architectural shape.

Be sure the mounting surface is cured, dry and clean.

Apply Total Wall Blue Mastic in ribbons to the substrate or the back of the shape. Cover at least one-third of the surface area including the perimeter of adhered area with Total Wall Blue Mastic.

Temporarily tack the architectural shape in place (approximately 24-48 hours) until the adhesive has firmly set. For larger architectural shapes, the use of permanent mechanical attachment in addition to adhesive is sometimes recommended.

A fast setting low expanding urethane foam, such as Ener-Foam, is applied in 3/8" diameter ribbons, approximately 6" apart on the back of the shape. This is a very fast setting adhesive, so the beads must be applied quickly and the shape immediately pressed to the wall and held in place for 30 minutes. The adhesive dries in 2 hours.

The mechanical attachment may take the form of special fasteners to be used with or without metal runners in the back of the shape.

The last step of the installation is to seal the perimeter of the shape where it meets the substrate with a clear or color matched sealant.

Handling and Storage

Do not apply to frozen or saturated surfaces. Do not apply if precipitation is forecast within 8 hours of application. Do not apply if the temperature cannot be maintained above 40F for 24 hours.



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Technical Data

Flame Spread Index	10 FSI ASTM E84 pass
Smoke Development Index	35 SDI ASTM E84 pass
Impact Resistance	35 in-lbs Gardner Tester pass
Weight per square foot	Approximately 1.1lb per square foot at 4" average dept
Salt Spray Resistance	300 hours ASTM B117 pass
Mold Resistance	Resistance to 5 species Mil Std 810D pass
Abrasion Resistance	500 L Astm D968 pass