Foam Designs

provide a complete line of architectural EPS foam materials, to plastering contractors, builders, developers of residential, commercial, film & TV industry. We provide a selection of pre-designed moulding styles as well as custom design to fit your specification. We can work with your floorplan or sketches, we can cut, carve, fabricate, and coat any shape or design.

Our Goal is to provide you with the highest quality products and services. within budget and complete satisfaction.

If you can imagine it, We can produce it!
Arches
Our balustrade systems are designed with three pieces, the baluster, hand rail and base rail. To add strength and stability to our balusters, a 3/4" wooden dowel (a) is located in the center which fits into drilled 3/4" holes into 2" x 4" or 2" x 6" p.t. lumber (b), supplied by builder, which is placed into the precut area. Area (c) is precut for the top and bottom blocks located on the balusters. Spacer fillers also furnished.

Once assembled and finished, these balustrade systems are as structural as wood or limestone. The pressure treated lumber must be securely fastened to sturdy newel posts at maximum of 12’ to 16’.

Balusters, Base Rails and Hand Rails are available in a variety of shapes and sizes to suit your needs.
Columns

Fluted Shaft

Straight Shaft

Column Cross Section Top View

- Full round column delivered in two halves with cut out for support post.
- Square column with cut out for support post.
- Solid pilaster, wall applied.
- Solid half round column, wall applied.
- 3/4 round column applied at corner.
- Custom pilaster corner application.

Specify dimensions (A - D) and style number.
Corbels

FDC CB13
FDC CB14
FDC CB15
FDC CB16
FDC CB17
FDC CB18
FDC CB19
FDC CB20
FDC CB21
FDC CB22
FDC CB23
FDC CB24
FDC CB25
FDC CB26
FDC CB27
FDC CB28
Eaves 1

FDC EV100

FDC EV101

FDC EV102

FDC EV104

FDC EV105

FDC EV106

FDC EV107

FDC EV108

FDC EV109

FDC EV110
Medallions Size Available in: 18”, 24”, 28”, 30”, 36”, 48”
StoneKote Lightweight Monument Signs

- Pre-manufacture any size, color, or finish
- Lightweight
- Easy to Install
- Durable
- Quick Turnaround
- Available in: StoneKote Stucco Finish, Simulated Stone, Limestone, Travertine

Order at 661-631-1062

Foam Design Center presents the StoneKote Monument Sign Series that look like the real concrete or stone sign without the heavy weight and are easy to install.

Made from EPS styrofoam coated with simulated stone.

StoneKote.com | FoamDesignCenter.com | 1-888-243-5755 | 661-631-1062
440 19th Street, Bakersfield, CA 93301 | Fax: 661-367-9563 | info@FoamDesignCenter.com

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Size of post cap is determined by the size of the post (A&B & Cap Height (C). Please specify all dimensions when ordering. Also specify density of foam and type of coating.
Available Rosette Details

Rosettes are available in many dimensions
Please order according to O.D.
If installing around an opening, please specify I.D.
Sashes 2

Foam Designs

1 3/4"  
FDC 41

2 1/2"  
FDC 43

3"  
FDC 45

5"  
FDC 47

5"  
FDC 49

3"  
FDC 42

3"  
FDC 44

3"  
FDC 46

3"  
FDC 48

4"  
FDC 30
PART I GENERAL
A. DESCRIPTION & SCOPE
   1. Provide all labor, material and equipment necessary to install Foam Design Center coated shapes
   2. Related work specified elsewhere
      a. Finishes, div. 9
      b. Lath and Plastering, div. 9
   3. Description of systems
      a. Coated Expanded Polystyrene (EPS) Shapes: Base-coated, paint-ready and stone coated shapes consisting of a polymer-modified cementitious coating (recommended with reinforcing mesh) over a closed cell, resilient, lightweight foamed plastic with a minimum standard density of one pound cubic foot to be produced by Foam Design Center.
      b. Reinforcing Mesh: A fiberglass mesh used to strengthen the base coat. To be produced by Foam Design Center.
      c. Base Coat and/or Adhesive: To be produced by Foam Design Center or approved by Foam Design Center.
      d. Interior, Faux Beam, Concrete or Stone Kote Finishes: To be produced by Foam Design Center or approved by Foam Design Center.

PART II PRODUCTS
A. GENERAL
   1. All components of Foam Design Center shapes shall be obtained from Foam Design Center or its authorized distributors. NO SUBSTITUTIONS OR ADDITIONS of other material shall be permitted without prior written permission from Foam Design Center.

B. MATERIAL
   1. Coated Expanded Polystyrene (EPS) Shapes
      a. Shall be coated with polymer-modified cementitious, acrylic based primer, or gypsum based coatings depending on your application.
      b. Foam shapes shall be produced by Foam Design Center.
      c. Shall meet current specifications of molded expanded polystyrene shapes
      d. Minimum nominal density shall be available in 1#, 2# and 3# density
   2. Reinforcing Mesh Netting
      a. Shall be produced by Foam Design Center or a manufacturer approved by Foam Design Center
      b. Shall be treated, open weave or glass fiber type
      c. Available in 10 x 10 fine and 6 x 6 regular net
   3. Base Coat and/or Adhesive
      a. Based on your application, cementitious or gypsum base coat and/or adhesive, or acrylic primer to approved substrate.

PART III EXECUTION
A. INSPECTION
   1. Examination of Substrate
      a. The substrate surface shall be free of foreign materials such as oils, dust, dirt, form release agents, paint, wax, glaze, moisture, frost, etc.
      b. The substrate shall be examined for compliance with contrast documents.
      c. The substrate shall be examined for soundness, such as tightness of connections, crumbling or looseness of surface, voids and projections. It is the General Contractor’s responsibility to make sure the substrate is flat, straight and ready to receive Foam Design Center details.
   2. The Architect and General Contractor shall be advised of all discrepancies. Work shall not proceed until unsatisfactory conditions are corrected.

B. INSTALLATION
   1. Foam Design Center shapes are pre-coated and/or finished under factory controlled conditions.
   2. EPS Foam to Brown Coat
      a. Omega Dry Bond should be mixed to a heavy-bodied, paste like consistency or use Foam-to-Foam.
      b. Cover both the surfaces of the shapes and the brown coat completely where the shape will join the brown coat.
      c. Press shape into position on the brown coat. Generally, the adhesive to the substrate will be sufficient to hold the shape in place. On larger shapes, use fasteners to prevent the shape from
sliding until the adhesive starts to set. Do not penetrate paper. Countersink and fill holes with primer adhesive.

d. Plaster-Ready Product: mix additional primer to more flowable consistency (suitable for brush applications) and apply to shape at all joints with the brown coat and contiguous shapes. Two (2) inch fiberglass mesh to be used over joints.

e. Plaster-Ready Product: Primer must be applied to all joints. Mesh tape all joints.

f. Exterior Paint-Ready, Stone Kote Product: Apply to substrate same as above. Joints to be filled with grout or cement.

3. EPS Foam to EPS
   a. It is recommended that all joints be coated with Adhesive Primer and 2 inch mesh to prevent cracking.

4. EPS Foam to Drywall
   a. Clean surface
   b. Use PL Premium for adhering materials to a smooth and level surface. Apply ¼” continuous zigzag bead of adhesive within 2” of each other. Temporary blocking or fasteners may be needed until adhesive sets. (PL Premium Construction Adhesive is available at Foam Design Center or local building supply outlet).
   c. Interior Paint Ready Product: Use Foam to Foam to apply to substrate same as above or using a 3/8” notched trowel to spread Dry Bond or Foam Magic 90 on back of shape detail.
   d. Interior Paint Ready Product: It is recommended that all joints be kept tight and coated with foam coat. Drywall compound can be applied on top and lightly sanded smooth.

5. EPS Foam to Wood or Plastic
   a. Clean surface
   b. Use Foam to Foam for applying material to smooth and level surfaces. Apply ¼” continuous zigzag bead of adhesive within 2 inches of each other for plastic or wood. Temporary blocking or fasteners may be needed until adhesive sets. (Foam to Foam Adhesive is available at Foam Design Center).

6. EPS Foam
   a. For larger shapes and details, mechanical fasteners may be needed. Fasteners to be approved by Foam Design Center.

7. Cutting
   a. Wait a minimum of 24 hours before further work on the surface of bonded components in order to avoid any movement, which would weaken the bond between the components.

C. FINISHING COAT

1. Exterior Paint Finish
   a. Per paint manufacturer’s specifications
   b. Conventional water-based paint may be applied after 48 hours of curing.

2. Exterior Stucco Finish
   a. After curing for at least 48 hours, stucco finish may be applied directly over the coated EPS shape. Just before applying color coat, add four (4) ounces of bonder to each 50 lb. bag of stucco when mixing or brush bonder directly on foam shape.
   b. For other exterior finishes (EIFS) – to be approved by Foam Design Center

3. Acrylic Finish
   a. Per acrylic manufacturer’s specification
   b. Minimum 48 hours – surface must be completely dry

D. CLEAN UP

1. Material left over by sub-contractor at the job site shall be removed.
2. The sub-contractor shall clean adjacent materials and surfaces and the work area of foreign material resulting from the work.