

# Global Foam Company

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What We Produce  
And How You Can Benefit

# EIFS Shapes Can Provide an Economic Alternative to Other Materials

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- What Is EIFS And How Is It Used?
- Global Foam's Unique Capabilities
- Applications For EPS Shapes
- Installation
- How To Get Started

# What Is EPS?

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- EPS is Expanded Bead Polystyrene, small white beads molded, like packing for appliances.
- Comes in various densities lb./cu. ft.
  - ~ ¾ lb. and 1 lb. is 90% of what we use.
  - ~ Other densities 1.5, 1.7, 2.0, 3 and 4 lb.
  - ~ ¾ lb. usually for packaging, 1 lb. or 1.5 lb. for shapes or insulation.
- Extruded polystyrene is the closed cell – blue, pink and yellow board, that is typically 1 – 3 in. thick, 4 ft. x 8 ft. sheets.
- We receive the EPS billets in a 4 ft. x 4 ft. x 8 ft. block, this Does **Not** limit the size of what we produce.

# Global Foam Has Many Unique Capabilities

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- Solidworks™ 3D Cad capability to create the 3D file and display.
- CNC controlled hotwires and routers for true contoured sculpted shapes.
- 3 axis and 4 axis machines with 5 axis capability.
- Unique coatings that are not available to the average user.

# There Are Many Basic Applications for EPS

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## Global Foam Has Created More

- Basic Insulation - 4R for a 1 lb. density per inch of thickness, 5R for extruded per inch.
- EIFS (Exterior Insulation Finish Systems) - crown molding, columns, arches, corbels, lintels, pilasters, murals, medallions, etc.
- Displays - See Scooby's Haunted Castle and Tomb Raider Ride.
- Events - signs, wedding columns, decorative panels.
- Signs – Logos (large or small), see our signs page (interior and exterior use).
- Concrete Forms – Forms can be used for pre-cast and cast in place. Go to [www.globalms.com](http://www.globalms.com) and see our highway murals.
- Packaging – custom cut to fit a product inside a box or to fill space.

# Why Use EPS?

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- EPS is the cheapest large volume material.
- Further saving on bulk items by use of wood framing or hollowing structures.
- Insulation over other materials such as wood, steel, and concrete.
- Does not deteriorate with weathering when covered. No rust or rot.
- Lightweight and easy to handle or fix in place.

# Applications for EPS Are Almost Endless

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- Architectural Shapes
- Signs (Interior and Exterior)
- Displays (Amusement Parks and Events)
- Concrete Forms (Precast and CIP)
- Insulation (Custom Shaped or Flat)
- Packaging designs
- Metal Casting Patterns

*(See each Separate Topic in detail)*

# How To Get Started

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- Please provide either a hand sketch with 3 views, a Cad File, or a printed drawing of your shape.  
Fax: (937)236-8340 or e-mail:  
[corporate@globalms.com](mailto:corporate@globalms.com).
- We would be glad to render the 3D or 2D image if required.
- Please select the coating and all other details.
- Global will send you a quote for approval.
- When the order is complete you may pick up or specify shipping instructions. We can use a courier, UPS, or a freight company.

# Global Foam Can Provide All The Designs You Need

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- EIFS and other applications
  - ~ Signs
  - ~ Concrete Forms
  - ~ Packaging
  - ~ Casting Patterns
  - ~ Insulation
  - ~ Displays/Events
- 2D and 3D capabilities and scaled to size.
- Ideas for applications.
- Professional installation or do it yourself.
- Call us and we will help you get started.