

SF4

SIGN • FOAM[®]
MICROCELL TECHNOLOGY



Inspiring new dimensions of creativity
in 3-D signs, graphics and displays

New Sign•Foam4 with Microcell Technology

A dream to machine, ultra-smooth, fast finishing

Discover Sign•Foam4, the ultimate artist's sign board for dimensional signage and displays. Available in 15- and 18-lb. densities, this next-generation material provides the crisp, clean edges and detailed definition that you demand – plus so much more. Its advanced microcell technology produces an exceptionally fine, grain-free surface that minimizes sanding, and greatly reduces priming, painting and finishing time. Imagine, ultra-smooth painted finishes with fewer coats and less process labor.

Sign•Foam4's tough-yet-refined cell structure accommodates virtually any design you envision, whether milled by machine, carved by hand, or sandblasted. It's a superb board for CNC-machining finely detailed designs and lettering, and nearly invisible surface textures.

What's more, its finer cell structure at lower densities is comparable to others' higher-density products. The advantages of Sign•Foam4's tighter microcell texture include:

- Boards that are easier to machine
- Crisper, cleaner, stronger edges
- Finer, more intricate 3-D details
- Excellent small-shape durability
- Ultra-smooth surfaces with less work
- Faster, more precise hand carving
- Less filling, sanding, priming and painting
- Greater endurance in outdoor applications
- Wood-like shavings vs. dust when machining



We are very impressed with the improved surface finish of 15-pcf Sign•Foam4 – both on the router table, and in hand carving and grinding. It fills well, holds edges, and provides a fantastic finish with fewer coats. On the very first sign we created with Sign•Foam4, we only needed one coat of primer on the background. The new product is also easier to clean up: It creates thin shavings instead of dust when we machine it, and when sanded, it leaves behind a fine powder that's static-free. We have used Sign•Foam since the product was released, and we will continue to use it because of its quality and availability."

**Bruce Janssen, The Wood Shop,
Boyne City, MI • www.thewoodshop.com**

Extend your artistry: Paint, sandblast and achieve special effects with less effort

With its very fine, uniform microcell structure, Sign-Foam⁴ offers infinite options for painting, finishing and creating special effects. Its smooth-as-silk surfaces and clean-cut edges also reduce your production and finishing labor time by requiring minimal sanding and usually no filling. Let it inspire you to new dimensions of creativity:

Choose any paint or lacquer – Because it's highly chemically resistant and doesn't react to solvents, easily apply any kind of paint or lacquer.

"Wow" painted and special effects – Create gilded, metallic, and high-gloss mirror finishes, or faux finishes, like marble and granite.

Minimal paint absorption – The extra-smooth finish requires fewer coats of paint, saving you time and money.

Better adhesion – Paint does not crack, peel, wear or flake off.

Precise sandblasting – Sign-Foam⁴ is ideal for sandblasting techniques, such as replicating a wood grain, stucco, stone, brick or other effect. Stencils remove easily to leave crisp, precise designs.

Appliqués – Add dimension with appliqués and icons. The lightweight material bonds easily without filling or sanding glue joints.

Smooth installation – Your dimensional signs, displays and models are a breeze to mount, and install cleanly.



Ideal for any environment

Sign-Foam⁴ is virtually indestructible, so it offers an unlimited lifespan in any application – inside or out. It is lightweight, yet remarkably strong and stable over time. Unlike wood, the closed-cell material is impermeable by water and moisture, so it doesn't rot, decay, decompose or swell from humidity. It's unaffected by high-salt environments. And it is formulated to withstand temperatures from –30°F to 140°F, so it holds up under extreme conditions and in severe weather.

A "green" medium – in any color

Sign-Foam⁴ is both artist- and environmentally friendly. This wood-alternative sign board is sustainably produced and can contribute LEED certification points for building credits. Every sheet contains 240 recycled plastic water bottles for a minimum 16 percent green content. What's more, Sign-Foam⁴ is nontoxic, and VOC- and CFC-free. It is made in the USA and offers life cycle traceability. So, this material is better for your work, better for the earth, and better for your health.

The ideal creative medium for eye-popping 3-D signs, graphics and displays



Sign-Arts Products introduced the premier high-density urethane (HDU) foam to the sign industry 25 years ago and in the years since, Sign-Foam has been continually perfected for outstanding performance.

Sign-Foam⁴ is produced by General Plastics, an innovative manufacturer of unique polyurethane foams renowned for strength, exceptional physical characteristics and quality. Their proprietary ISO-certified processes assure consistent thickness and density for the specified material. The result is a remarkable sign and display board that remains dimensionally stable from production to installation, and through years of use.

Sign-Arts Products: Your creative connector

Sign-Arts Products is here to support your imagination, artistry, satisfaction and success. That's why we bring together artistic sign makers and designers of dimensional displays with the absolute best high-density urethane (HDU) foam for the money – Sign-Foam⁴. Our extensive network of knowledgeable U.S. and Canadian distributors will connect you to everything you need to create in-demand signs and displays using this reliable, versatile and time-saving medium. Beyond supplying you with the right product for your application, they offer a full line of adhesives, primers, fillers, coatings and textures specifically designed for use with Sign-Foam⁴.



"New Sign-Foam⁴ will make every sign maker's job that much more efficient, with less labor in the production and finishing stages. We've achieved great results machining it with a CNC router: Small details hold up better and all surfaces rendered are smooth and clean. The new microcell technology yields a very smooth edge and creates a smooth finish twice as easily as the previous HDU."

David McDonald, Avila Sign & Design
Arroyo Grande, CA • www.481sign.com

What will you create with Sign•Foam4?

An optimal foundation for inspired signage

Sign•Foam supports new realms of creativity and craftsmanship in 3-D signage. Tough, yet offering a fine-cell structure, it accommodates virtually any design you envision, whether carved by hand, milled by machine or sandblasted. And because Sign•Foam is so consistent, it's easy to bond foam boards to make signs that are larger than the maximum sheet size, or to add thickness by laminating pieces together.

Signage applications include:

- Routed signs
- Monument-style signs
- Flat-mounted signs
- Letter graphics
- Sandblasted graphics
- Simulated wood signs

Impressive graphics, models and displays

Transform Sign•Foam4 into extraordinary display models, sculptures, environmental graphics and larger-than-life creations. The impervious, enduring material allows your artistic creations to be used and admired for decades. For making oversize figures or displays, foam boards can be securely bonded using a variety of adhesive systems.

Display applications include:

- Environmental displays
- Sculptures and carvings
- Theme park characters
- Theme park environments



Versatility to support your vision

Imagine a medium that actually supports your artistry and craftsmanship instead of forcing you to work around its limitations! Consider its many advantages:

Always flat and stable – Sign•Foam4 sheets will not warp, twist or bow. And they retain their dimensional stability over the long haul.

Easily worked by hand or machine – New Sign•Foam4 is easily engraved, carved, chiseled and shaped in any direction using the simplest woodworking tools or sophisticated CAD/CAM routers and CNC machines.

Superior cell structure – The smooth, uniform, grain-free cell structure supports very fine surface finishes.

Consistent density – Rely on consistently uniform material from sheet to sheet, and within each block. No more surprises like hidden voids or “worm holes.”

Grain-free – Spend less time cutting and less money on replacing cutting blades.

Exceptional machining characteristics – Sign•Foam4 lets you create the most precise, intricate designs and well-defined edges without added sanding.

Less mess and risk – When machined, the material breaks off into shavings that fall safely to the floor, instead of contaminating your shop's air, tools and surfaces with dust.

Fast fixes – Quickly and easily fill and repair any holes, mistakes or damage.

Secure bonding – Sign•Foam4 is easily glued to build larger pieces. It creates strong, secure bonds that are smooth, clean and even.





Specify Sign•Foam for all of your dimensional projects

Showcase your artistry while generating more profits with high-value signs and displays.
Let Sign•Foam4 add the final dimension to your business!

The Sign•Foam4 HDU material is manufactured in large blocks to your specifications.
In addition to standard sizes, sheets can be ordered in custom thicknesses.

Standard sheet sizes for Sign•Foam3 10-lb.,
Sign•Foam4 15-lb. and 18-lb. densities:

- 4' x 8'
- 5' x 8'
- 4' x 10'
- 5' x 10'

Thickness ranges from 1/2" to 3" max. on all densities.

Applications	Sign•Foam3 10-lb.	Sign•Foam4 15-lb.	Sign•Foam4 18-lb.
Monument Structure Solid Block		●	●
Monument Structure Hollow Core		●	●
Monument Structure Metal Core		●	●
Sandblasted Graphics		●	●
Simulated Wood Grain		●	●
Simulated Tile or Masonry		●	●
Letters or Graphics	●	●	●
Carving	●	●	●
Model Making	●	●	●

Sign•Foam4 is warranted to perform as advertised for a period of not less than 10 years.



Call us today for your free product sample kit!