

The Dynamic Systems newsletter is a free, quarterly publication. It gives a firsthand look at new products being developed by DSI. It publishes SunMate product research performed in-house and by other institutions. It makes important company announcements and gives updates on DSI's ongoing projects. It details a variety of applications for SunMate products, and more.

# dynamic systems

## New Contact Information

### E-mail & Website

### Address Changes

Dynamic Systems recently acquired the domain name "sunmatecushions.com". This means that customers may now view the company website at [www.sunmatecushions.com](http://www.sunmatecushions.com).

## dsi@sunmatecushions.com

Along with the new web address, DSI has implemented new e-mail addresses based on the new domain name. All e-mail directed to the company may now be addressed to [dsi@sunmatecushions.com](mailto:dsi@sunmatecushions.com). This is a great way to post technical questions, request price and product information, or place orders. Customers may direct specific comments or questions

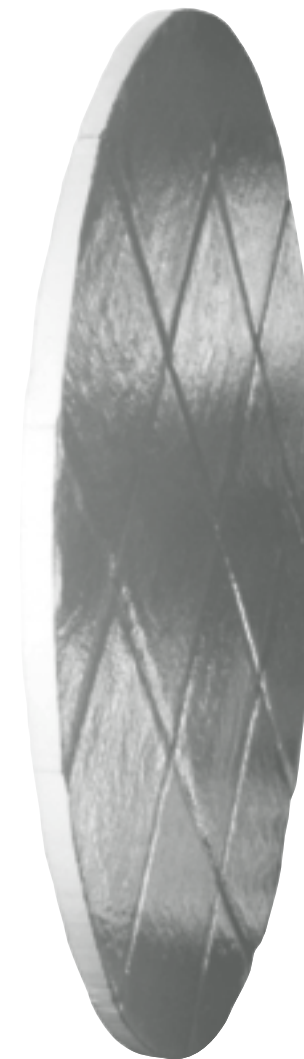
regarding special projects or Foam-In-Place Seating to Cathy Ramsey at Dynamic Systems using her new e-mail address: [cathy@sunmatecushions.com](mailto:cathy@sunmatecushions.com). In the meantime, any e-mail sent to the old addresses ([dsi@cheta.net](mailto:dsi@cheta.net), [caydsi@cheta.net](mailto:caydsi@cheta.net), [dsi@ioa.com](mailto:dsi@ioa.com)) will be forwarded.

These new changes have been made in an effort to expedite response time and improve customer service. The new domain name will be easier for customers to remember and associate with Dynamic Systems. It will also facilitate web users' online search, making it more intuitive for those looking specifically for information on SunMate.

If you experience any problems accessing the website or sending e-mail, please contact DSI and we will correct the problem immediately.

**Dynamic Systems, Inc.**  
Development Facility  
**235 Sunlight Drive**  
**Leicester, NC 28748**  
**Tel: 828 683-3523**  
**Fax: 828 683-3511**  
**Email: [dsi@sunmatecushions.com](mailto:dsi@sunmatecushions.com)**  
**Website: [www.sunmatecushions.com](http://www.sunmatecushions.com)**

dsi@sunmatecushions.com



## For Artists

### SunMate by Design

Pudgee and SunMate are rapidly becoming more prevalent in the art world. It started in 1995 at the Museum of Modern Art when Pudgee and SunMate products were included as part of the exhibition, *Mutant Materials in Contemporary Design*. From there it filtered into a small but renowned New York art gallery, Artists Space, where architect Craig Konyk created an installation using Pudgee cushions in *A Pale Soft Plane*. Soon after, other artists began inquiring about the materials' properties and began experimenting with them in textile works, contemporary furniture and architectural designs.

### The Giant Pudgee Circle

This new influx of inquiries often presents challenges for DSI's production team. For example, Pudgees are made in the following standard sizes: 16" x 24", 22" x 36", 18" x 40", 18" x 18", and 20" x 20". Therefore, when DSI received an order from an artist for a waterproof Pudgee circle 5' 4" in diameter, it had a genuine production dilemma. Using a template and some careful planning, the end product was created from fourteen 20" x 20" x 2" Pudgees and weighed 275 lb. It took four men to carefully lift and transport the giant, flexible circle. Even the shipping crate required custom design.

### Harvard Graduate School of Design

The most recent inquiries have been coming from university design departments in the U.S. and Europe. Material donated for a class at Harvard University's Graduate School of Design was part of an exhibit entitled *immaterial/ultramaterial*. The show was part of a larger program of events called *Millennium Matters* conceived by Jorge Silvetti, chairman of the Department of Architecture. The program is described as an in-depth study which "focuses on relationships among materials, ideas, and architecture, and orchestrates a dialogue among history, technology, and design."

Continued inside...

### Directory Assistance

Tel: (828) 683-3523  
Fax: (828) 683-3511  
[dsi@sunmatecushions.com](mailto:dsi@sunmatecushions.com)  
[www.sunmatecushions.com](http://www.sunmatecushions.com)

### Product Questions?

If you have an idea for using SunMate products, but are unsure of how to proceed; or if you have begun a project, and have reached a problem area, give the DSI technical staff a call. Our staff will help you determine the best material for your use.

### Product Information

Ellie Brown

### Foam-In-Place Seating & Special Projects

Cathy Ramsey  
[cathy@sunmatecushions.com](mailto:cathy@sunmatecushions.com)

### Customer Orders

Susan Kent  
Pam Price

### Accounting Department

Mimi Chang  
Vickie King

### Publishing Department

Susan Carswell  
Leslee Kulba

SunMate by Design, continued from front page

### Pudgee Couch & Ottoman

A professor from the University of Michigan College of Architecture ordered a Pudgee ottoman last fall, and this spring he ordered a Pudgee couch to match. The couch is (15"H x 20"W x 60"L) and consists of five layers of 3" Pudgees stacked like bricks. The entire couch is finished with a layer of metallic gray silicone, and is scheduled to be part of an exhibition later this year.



### Shipping Delicate, Rare Art

Projects such as these are as challenging to ship as they are to make. Interestingly, SunMate and Pudgee also make good packing materials. A representative from the Metropolitan Museum of Art familiar with SunMate's impact absorption properties recently inquired about using SunMate as a packing material. After seeing samples, SunMate was selected to be used in conjunction with another non-abrasive foam to protect a delicate work of art during shipping. The piece was so rare and fragile it could not be allowed to vibrate at all during transport.

### See What You Can Do with SunMate

Visionaries like the ones mentioned here have expanded the common perception of how this simple yet unique foam material may be applied, whether it be as something useful in daily life or as a tangible medium of expression for an abstract concept. These projects have been a welcome change of pace in the daily routine at DSI; and they have shown that foam, like any other medium an artist may work with, is just a raw material until someone with an idea takes it and makes it something more.

### Hope Haven

#### Charitable Contributions

DSI continues donation of SunMate cushion material to Hope Haven International Ministries. Hope Haven is a non-profit organization dedicated to helping people with disabilities around the world get the assistance they need but cannot afford. Volunteers with the ministry build new wheelchairs and refurbish old ones from donated parts. They trim and cover orthopedic cushions to fit the chairs, and then distribute the equipment both locally and abroad where it is needed most.

The large SunMate bundles Hope Haven receives from DSI each contain several sheets of foam in a range of pressure qualities. One large sheet (approximately 82" x 37" x 1") provides several standard-sized wheelchair cushions or one mattress pad.

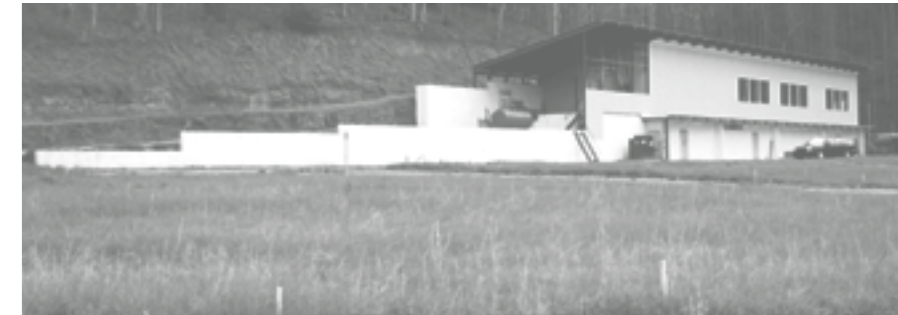
This material is also available to DSI customers as recycled or leftover trimmings and is offered at a reduced price, often half or a third of the cost of regular SunMate.

### Construction Update

#### Shipping & Wiring

The shipping and receiving dock on the first module of the new production facility is now in operation, and wiring has begun for automation. With the electricity, phones, heating system and insulation in place, the concrete and steel structure's interior is surprisingly comfortable. Its large windows and high ceiling create a well-lit and spacious working environment.

The transition has begun, the company has already been moving large SunMate buns to the new facility for slicing and storage. Some special project parts manufacturing is temporarily operating in the new building. This spring, concrete is scheduled to be poured for the footers and foundations of the next two modules. By autumn, SunMate manufacturing should be established in its new location, allowing for the expansion of Pudgee and FIPS manufacturing in the present facility.



### FIPS Labels

#### Read Me!

This winter, DSI redesigned the red, round caution labels placed on all Liquid SunMate Foam-In-Place Seating (FIPS) Bowl Pack and Bag Pack units. This was done to clarify the importance of heating cold Iso and to reemphasize proper mixing procedure. DSI is trying to resolve the mistakes most commonly made by FIPS users:

- 1) Mixing chemicals in the wrong order
- 2) Using cold or crystallized chemicals
- 3) Using chemicals that have exceeded their shelf-life

DSI makes a concerted effort to keep its customers informed. Winter heating instructions are enclosed with every FIPS unit. Detailed mixing and heating instructions are printed in the FIPS manual, and are clearly explained on the FIPS video. Winter heating reminders are routinely printed each year in the newsletter issued at the beginning of the cold weather season. DSI relies on its customers to be responsible users and requires a signature verifying that the user has read and understands the mixing process before orders for FIPS will be accepted. A successful FIPS pour is easy to achieve. Simply:

- 1) follow the step-by-step instructions,
- 2) pay close attention to detail, and
- 3) heed the caution labels.

### FIPS News

#### Foam-In-Place Manual and Video Coming on CD-ROM

Dynamic Systems is adding to its in-house design & publications department. Soon the company will be able to create its own interactive CD-ROMs to market its products. Imagine the FIPS Instruction Manual published entirely on CD complete with sound, video, glossary, index and help files. Added features might include: video demonstration clips of the FIPS mixing process, a keyword content search, links to FIPS frequently-asked questions, tips on mixing, and troubleshooting. The CD-ROM could also include direct links to the company website, direct contact via e-mail, or a virtual tour of the production facility and offices of DSI.

