



STADIUM SEATING ENTERPRISES

PREFOAM™
Stadium Seating

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CONTENTS

PREFOAM System Installation page 3

PREFOAM System Advantages page 6

Manufacturing Partnerships page 7

PREFOAM Clients page 9

Environmentally Responsible page 13



SYSTEM INSTALLATION

The SSE PREFOAM Permanent Stadium Seating Riser Systems are the fastest, easiest and most cost effective method of constructing stadium seating on the market today. Traditional methods of constructing stadium risers have used structural steel stud and pan framing or plywood formed concrete framing. With the development of the SSE PREFOAM Systems, the industry has recognized that a prefabricated and pre-engineered foam riser system saves time and money in the construction of permanent stadium seating.

Developed as a pre-engineered “kit of parts” for stadium seating risers, the PREFOAM Systems incorporate blocks of EPS Geofoam cut to the dimensions of the stadium platforms that are stacked like building blocks to form the tiered seating risers. After the blocks are put in place, the permanent steel forms are placed along the face of the risers and secured with steel “retainer” hardware. Then, prefabricated steel intermediate step forms are secured to the vertical face of the risers to complete the “bones” of the system. Last, as a finishing floor material, concrete used for the horizontal surface of the stadium platforms and the intermediate steps is poured directly on top of the PREFOAM blocks.

The system comes with a complete detailed set of installation instructions and shop drawings illustrating each area to receive the PREFOAM System. To facilitate easy installation, EPS blocks and steel components are clearly marked with a specific code referenced in the installation drawings.



- The PREFOAM System can typically be installed by the contractor, ready for topping concrete in as little as 1 - 2 days per auditorium utilizing general labor; that is 4 to 5 times faster when compared to the time required to install a light gauge metal frame and pan system;
- The PREFOAM System is installed late in the construction sequence, allowing all high work to be completed in the auditorium, sanctuary, theatre, lecture hall or corporate screening/presentation rooms without the need to scaffold over the tiered seating platforms;
- The PREFOAM System can easily be designed to accommodate space under the platforms by stacking block up to and on top of a light gauge metal frame and structural deck;
- The PREFOAM System is delivered to the jobsite with all steel components precut to the dimensions of the stadium platform criteria;
- Because of the proprietary intermediate step forms, the PREFOAM System is designed to allow the concrete subcontractor to pour the entire platform in a single operation. Traditional methods require a second pour for the intermediate steps.
- The PREFOAM System includes all 12 or 16 gauge steel riser permanent riser forms, connecting hardware and intermediate step forms;
- Most PREFOAM blocks come numbered and precut to the size and shape of each riser tread;
- All steel components are assembled using #10-1” self tapping sheet metal screws.



PREFOAM System vs Traditional Stud Steel Framing

Traditional steel stud framing for stadium seating riser platforms can take 4-5 days per auditorium to install. Steel stud framing is an assembly of light gauge steel, metal pans and closure plates mostly fabricated and assembled by manufacturers and trades without one single subcontractor or vendor maintaining responsibility for the entire system.

- SSE's **PREFOAM** system is designed and fabricated under the direction of one company; SSE.
- The pre-engineered system is delivered to the jobsite ready for installation by the general contractor. Typically, the entire system can be installed and ready for the concrete topping slab in approximately 1- 2 days per auditorium.
- The installation of the SSE **PREFOAM** system can save weeks off the construction schedule and as much as 20 - 25% in costs.

When comparing the cost of traditional multi-trade steel stud framing to a complete SSE **PREFOAM** system don't forget to evaluate all the factors involved in each method. The chart below provides an overview and comparison of the two systems. It is easy to see why the SSE System is preferred over the traditional steel stud system.



Item	Traditional Stud Steel Framing	SSE PREFoam System
Installation Contractor	Drywall & Concrete Sub	General Labor or Concrete Sub
Installation Time	4 - 5 days per auditorium	1 - 2 days per auditorium
Stadium Structure	Light gauge steel framing assembled in the field by drywall subcontractor	Prefabricated EPS Geofoam Blocks, coded and delivered to the jobsite ready for installation. Installed by general labor.
Steel "Riser Plate"	Independent steel subcontractor and installed by drywall subcontractor	Prefabricated, coded and delivered to the jobsite. Installed by general labor.
"Pans" for Concrete Slab	Independent steel subcontractor and installed by drywall subcontractor	Not Required
Concrete Topping Slab	By concrete sub	By concrete sub
Intermediate Steps	Steps are formed and poured in the field (2 pours required). By concrete subcontractor.	Prefabricated and delivered to the jobsite ready for installation and concrete pour. Single pour for complete system installation including intermediate steps.

The SSE PREFOAM Stadium Riser System provides general contractors, architects, and owners with a solution that will enable them to go from a “finished shell” to a finished auditorium in weeks, not months. Builders, architects and owners alike are striving to reduce costs, shorten schedules and improve the quality in the most efficient way possible. Using a custom pre-engineered and prefabricated system of PREFOAM EPS and 12 or 16-GA steel, SSE offers its customers an alternative to costly and time-consuming traditional methods of installing tiered stadium seating platforms.



One of the distinct advantages of the SSE PREFOAM System is the fact that it is custom prefabricated and delivered to the site ready to be installed late in the construction sequence following the stud and dry-wall completion of the auditorium’s demising, back and vomitory walls. Because the general contractor can work on a floor unencumbered by scaffolding, the ability to get the auditorium “stadium ready” proceeds much more efficiently than can be realized using traditional metal stud construction.

In a typical installation, ninety percent of the EPS block is delivered to the project site pre-cut to the platform dimensions (width, height and length) and slope (if any) of the existing floor slab. Consistent with the SSE shop drawings, blocks are pre-marked for direct placement on the auditorium floor. Each of the EPS blocks is marked by auditorium number, platform level, row and block location in each row of the auditorium.

As the EPS blocks are stacked in their respective positions, a small amount of special EPS adhesive or “Gripper Plates” are used to hold them in place until the riser plates and connecting hardware are installed. By the afternoon of the first day of installation, typically the work crew is busy installing the 12 or 16-gauge steel riser plates and connecting hardware. The riser plates not only serve to finish the face of the platform riser, but also serve as a form for pouring the 4” concrete platform deck. They are held securely in place with connecting hardware placed every 24” on-center.



SYSTEM ADVANTAGES

One of the advantages that the **PREFOAM** System offers the Design Architect is layout and seating configuration flexibility. Because each system is custom designed to meet the individual criteria of the project, the EPS blocks can be cut into virtually any size, height or shape. And the height and depth of each individual riser or intermediate step is also “made to order.” Depending upon the design concept and shell building layout, the stadium seating can be configured in straight, segmented radius or true radius rows.

Space Under the Platforms

The inclusion of stadium style seating platforms can also lend itself to maximum utilization of floor space. In many cases, the overall height of the top platforms will allow usable space to be “tucked in” under the back of the stadium risers. By incorporating space under the risers, the efficient use of the overall floor area can be maximized. Typical spaces under the stadium riser platforms include storage rooms, concessions, offices, classrooms, restrooms or similar functions.

Ramps and Stages

The **PREFOAM** blocks are ideal for constructing ramps for handicap or equipment access. Tapered precut blocks are delivered to the jobsite ready for placement and topping with a 3”- 4” concrete slab. If the project includes an elevated stage at the front of the auditorium or sanctuary, the use of **PREFOAM** blocks is ideal for elevating the stage. **PREFOAM** blocks are simpler, more cost effective and easier to use in the stage’s construction compared to traditional metal stud and deck construction. The **PREFOAM** blocks are set in place as a structural fill material within the perimeter stage walls and the topping slab is poured over the **PREFOAM** block. Electrical, data or other conduit can easily be incorporated into the **PREFOAM** filler material.

An Environmentally Friendly Solution

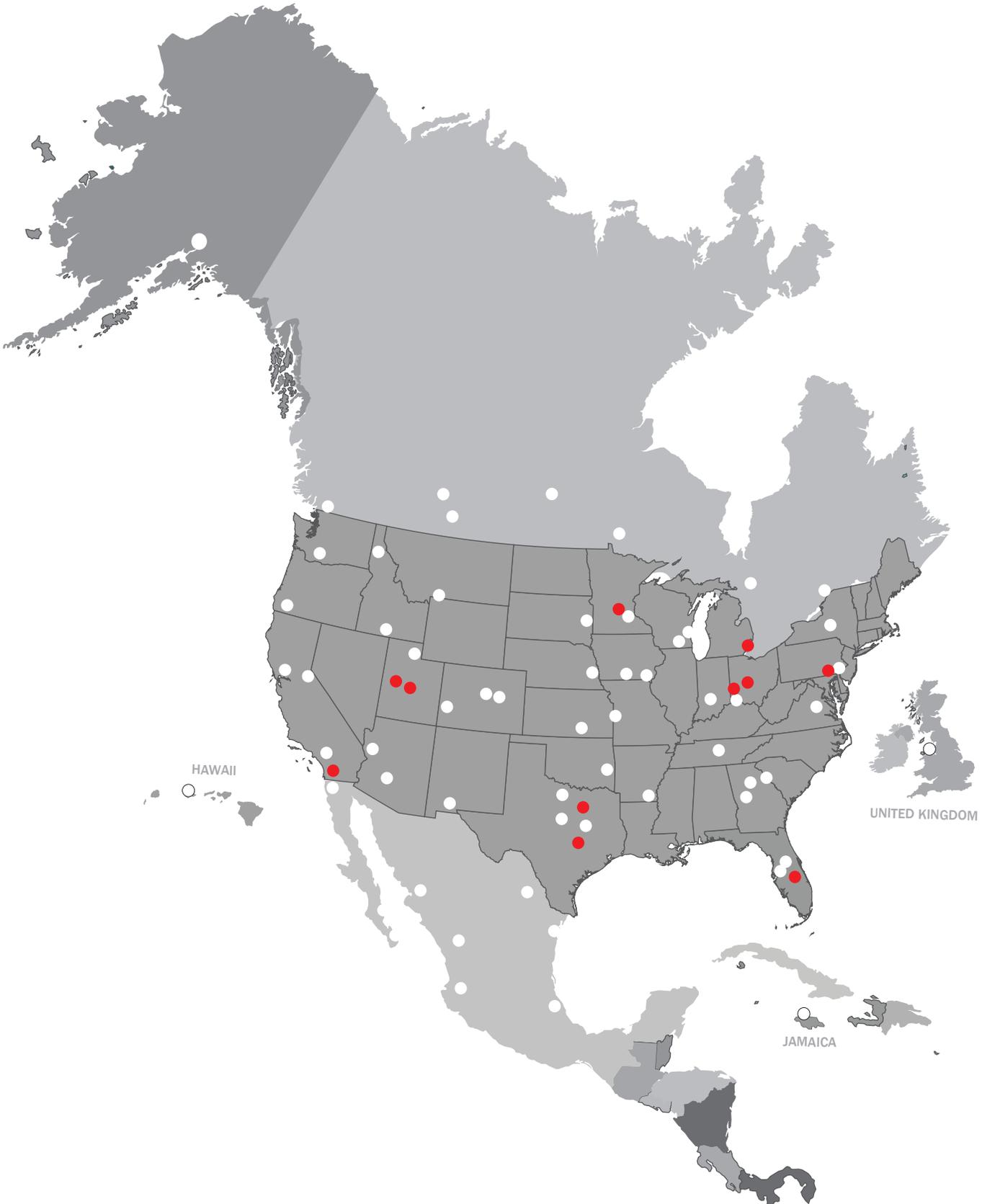
Because EPS material is resource efficient, can be made with partially recycled material, and is energy efficient for insulation. The incorporation of the **PREFOAM** System is an environmentally friendly stadium seating solution for any project.



Balcony/Upper Floor Stadium Seating

The use of **PREFOAM** blocks is an ideal structural solution for balcony stadium risers. Weighing one pound per cubic foot, **PREFOAM** is extremely lightweight. One 4’-0” x 8’-0” x 12” thick block of EPS weighs approximately 32 lbs. The individual blocks are easily carried by a single person and can be taken through a standard pedestrian door and put in place on an upper level balcony without any special equipment or extraordinary considerations. In addition, due to the geometry of the block, the weight of the stadium risers is evenly distributed over the entire balcony floor area eliminating any point load.

MANUFACTURING PARTNERS





MANUFACTURING PARTNERS

EPS Foam Manufactures

United States

- Arlington, TX
- Aurora, CO
- Belgrade, MT
- Brooklyn Park, MN
- Byron Center, MI
- Carlisle, PA
- Chino, CA
- Cicero, NY
- Columbus, OH
- Conyers, GA
- Denver, CO
- Des Moines, IA
- Dixon, CA
- Fredericksburg, VA
- Gainesville, GA
- Grandville, MI
- Hillsboro, TX
- Houston, TX
- Jacksonville, FL
- Kansas City, KS
- Kapolei, HI
- Kingman, AZ
- Lakeland, FL
- Lakeville, MN
- Lebanon, OH
- Manassas, VA
- Mead, NE
- Monticello, AR
- Mt. Pleasant, SC
- Murry, UT
- Little Rock, AK
- Orlando, FL
- Pensacoloa, FL
- Perryville, MO
- Phoenix, AZ
- Plymouth, WI
- Prior Lake, MN
- Puyallup, WA
- Rochester, NY
- Rockford, MN
- Roseville, CA
- Sallisaw, OK
- Smithfield, RI
- Smithfield, PA
- Solon Springs, WI
- Tacoma, WA
- Washington, IA
- Watertown, SD
- Whiteland, IN
- Wilsonville, OR
- Winchester, VA

Canada

- Acheson, AB
- Midland, ON
- Saint-Laurent, QC

Carribbean/Mexico

- Kingston, Jamaica
- Colonia, Mexico
- Culiacan, Mexico
- Tijuana, Mexico

United Kingdom

- Northhampton, AR

Steel Manufactures

- Austin, TX
- Columbus, OH
- Haltom City, TX
- Logan, UT
- Middletown, OH
- Myerstown, PA
- Oldcastle, ON
- Santee, CA
- St. Paul, MN
- Tavares, FL
- West Valley, UT

SSE PREFOAM™ Regional “Partnerships” Promote Responsive Service

Since our founding in the late 1990’s, Stadium Seating Enterprises, Inc. (SSE) has focused on providing the most professional and responsive service available in the industry. Two principals that have shaped our success and growth over the years are the unwavering commitment to personal service from SSE ownership and the development of an integrated delivery process between our designers and our manufacturing and fabrication partners.

Key to our success and responsive-ness are the “partnerships” we have fostered between our EPS Geofoam Manufacturing and our Specialty Steel Fabrication Companies and SSE’s team of system designers, engineers and project managers.

We have worked diligently to integrate our “partners” into our design and delivery process insuring that each of them is experienced with the SSE PREFOAM Stadium Seating Riser System and committed to providing the same level of service that SSE Customers have enjoyed over the past decade.

The adjacent map locates our major manufacturing and fabrication partners. The dots identify the location of our EPS and Steel Fabrication Partners. From these locations, SSE can bring cost competitive and responsive service to our customers and minimize environmental impact through better logistical distribution of our products. SSE can deliver Geofoam or our complete PREFOAM Stadium Seating Riser System to virtually any location in the continental US within approximately one day’s drive of the manufacturer/fabricator.



SSE PREFOAM CLIENTS



Representative Architects

5G Architects
ADW Architects
Algier Group Architects
Althouse, Jaffe & Associates
BGW Architects
Baker Barrios Architects
Beck Group
Blair Ballard Architects
Calvert Architectural Group
Cannon Moss Associates
Carlos Moore Architect
The Design Collective
Design West Architects
DLR Group
DMJM AECOM
dva Architects
ELS Architects
FFKR Architects
FTCH Architects
Fleming Associates
Gantt Huberman Architects
Haas Architects
Hoefler Wysocki Architects
Hodges & Associates
Hurford Architects
JKR Architects
Kenneth D Smith Architects
Kinslow
Keith & Todd
Level 4 Studio
Lickel Architecture
MDN Architects
Mesbur + Smith Architects
Panich + Noel Architects
Partners in Architecture
Perkins & Will
Pustola & Associates
RL Payne & Associates
RTA Architects
Rodney Sartain Architect
Roth Shepard Architects
TK Architects International
Tennant Wallace Architects
Thomas Hacker Architects
United Church Builders
Visioneering Studios
WLC Architects

I cannot recommend SSE more highly. Frank and I began working together around 2005 on a stadium seating retrofit project where SSE orchestrated the new seating concept into a reality for a general contractor unfamiliar with the system. He was attentive to the details of all aspects of the work and explained carefully what and how things needed to be done in order to accomplish the finished product.

Since, SSE has participated in several of our projects including new builds. No one is more responsive to your questions in way that makes you feel like you are part of a team all pulling in the same direction.

Jack Muffoletto, AIA,
Principal
TK Architects International

Over the past fifteen years Stadium Seating Enterprises, Inc has had the opportunity to work with a wide variety of clients throughout the world. We have provided our PREFOAM Stadium Seating Riser System designs for Architects, General Contractors, Subcontractors and Facility Owners within a wide variety of building types including Cinemas, Worship Facilities, Live Entertainment, Educational Facilities and Corporate Training Facilities. In each case, we have taken pride in our responsive service, professional interaction, ability to meet stringent budget and time constraints and innovative design solutions.

Because the SSE team is composed of professionals with backgrounds in engineering, construction and architecture we are able to respond to design professionals in an collaborative manner that is focused on providing the best possible solution to the design criteria. Once the initial layout of the tiered seating is complete, the SSE team will work from the design development stage providing alternative ideas regarding the system assembly and methods of achieving economy and functionality for the client. Our staff can supply AutoCAD details to the design team for integration into the final bid package in order to provide a complete and detailed solution to the bidding contractors and experience providing engineering designs and calculations for the SSE PREFOAM Systems as required by the jurisdiction of the project.

SSE installation shop drawings are fully developed for each component and each level of the stadium seating so that no additional design for the stadium risers is required by the A/E Team. This approach will reduce design costs for the Architect and the Client and contributes to a comprehensive solution to the stadium seating riser system design. In addition, if structural engineering design is required for the stadium seating riser system, SSE can facilitate the incorporation of outside registered professional engineering consultants to be added to the team that have specific experience providing engineering designs and calculations for the SSE PREFOAM Systems as required by the jurisdiction of the project.

Representative Owners

Alamo Drafthouse
ArcLight Theaters
Brenden Theatres
Century Theaters
Cinemark Theatres
Cinepolis Entertainment
Cobb Theatres
Collierville Baptist Church
Colorado Cinemas
Colorado School of Mines
Dickenson Theatres
Imagine Entertainment
Epic Theatres
Flagship Cinemas
Foothills Community Church
Frank Theatres
GSA/US Army
Galaxy Theatres
Great Escape Theatres
Ipic Entertainment
Johns Hopkins University
Kerasotes Theatres
Malco Theatres
Megaplex Theatres
Northwest High School
O'Neil Cinemas
Penn Cinemas
Seacoast Grace Church
Regal Cinemas
Regency Cinemas
Revolutions Bowling
Santikos Theatres
Seacoast Grace Church
SilverSpot Theaters
Skyline Community Church
Southern Theatres
Spotlight Theatres
Studio Movie Grill
Sundance Theatres
Trinity Broadcasting
Ultrastar Theatres
Universal Studios
University of California
University of Louisiana
University of Oregon
University of North Carolina
University of Tennessee
Village Centre Theatres

*This was our first cinema construction project and our first experience with SSE. Stadium Seating Enterprises was there during every aspect of the design and construction. They were extremely helpful and informative from the moment I contacted them, through the design process with our architect and the installation process with our contractor. The **PREFOAM** System was installed just as the said it would be based on the detailed shop drawings. **Even for a few first-timers like us, the system went together fast & easy and without a hitch.***

We are planning to expand our theater in the future and, rest assured, we will be back to work with SSE when the time comes. I would highly recommend SSE to any owner, contractor or architect involved with a stadium seating project. We look forward to working together again.

Cathy Collins, Owner
Parkway Cinemas

The fact that SSE has in house architects, engineers and contractors we are able to integrate our professionals with the owner's design and construction team to facilitate a clear and comprehensive understanding of the **PREFOAM** Stadium Seating Riser System. Having worked with a wide variety of owners in the Cinema, Worship, Educational, Government, Corporate and Live Entertainment industries, SSE realizes that diverse project types and clients can require a different approach to meet their specific needs and requirements. Our ability to service this variety of clients requires the personal attention of our ownership and tailoring our services to meet every client's specific personality and needs. This is an approach that has characterized our company since our inception.

The SSE **PREFOAM** System maximizes the productivity of the contractor that is installed easily and quickly allowing the facility owner to occupy the lecture halls, cinemas, or entertainment venues as soon as possible and start producing revenue or providing services long before conventional methods of construction would allow. SSE can also recommend outside installation contractors with experience with the SSE **PREFOAM** System to work with the building general contractor for a fast and easy installation. In many cases, SSE has contracted directly with the facility owner minimizing mark-up from other entities, or can work directly for the GC or sub handling installation of the system.

Representative Contractors

AR Mays Construction
Adolfson & Peterson
Adroit Construction Co.
Baker Concrete
Biermann Construction
Blodgett Construction
Brassfield & Gorie
Breslin Builders
Canyon Building & Design
Cincinnati United Contractors
Cleveland Construction
Connell Construction
CRR Builders
Daniels & Daniels Construction
Deacon Corp.
Duke Construction
Dyson Construction
EDC
Edifice Inc.
EMJ Corporation
FCI Construction Inc.
Focus Construction
Fortis Construction
Hamann Construction
Hawkins Construction, Inc.
Heath Construction Company
IKON Construction
Jaynes Corporation
KCB Construction
Linkous Construction
Luke Draily Construction
Mapp Construction
March Assoc. Construction
McCarthy Construction
Murray & Stafford Inc.
Norm Wilson & Sons
Parkway Construction
Platinum LLC
RS Mowery & Sons
Russco Construction
Sachse Construction
Specialty Construction
Sponaugle Construction
Vandervert Construction
Warfel Construction
Weitz Company
Whiting-Turner Contracting
Zapalac/Reed Construction

From the initial bid to the final close out of the construction of the Eastside Christian Church, SSE and their team provided informed, professional and responsive service for every aspect of the project.

*SSE worked directly with the architect, general contractor and Beachside to insure there was a clear understanding of the unique advantages the **PREFOAM** System could bring to the project. They helped our field crew throughout the installation with timely and responsive service. When changes were made in the field which affected SSE's scope of work, they were very good at incorporating the modifications into their design and making sure we got the correct components onsite in a timely manner. **The stadium seating went together quickly and efficiently in this unique design and saved our crew countless hours of labor in the installation process.***

*I would like to say thank you to the team at Stadium Seating Enterprises for doing exactly what they said they were going to do when they said they were going to do it. I would highly recommend Stadium Seating Enterprises to any contractor, owner, or architect considering tiered platform seating for their project. Now that I know about the **PREFOAM** system, I am looking forward to completing many more successful projects with the SSE team.*

Lou Colucci, President
Beachside Construction

Over the years we have found that Contractor and Subcontractors are some of the biggest supporters of using the SSE **PREFOAM** Stadium Seating Systems. With the SSE **PREFOAM** Systems every cost for the installation of the system is spelled out from day one. There are no surprises and no hidden costs.

In more than 90% of the cases, our first job with a contractor is the first time they have ever installed an EPS Geofoam stadium seating system. And, in virtually every case, after the first round of installations, they have concluded that the SSE **PREFOAM** Systems are the most economical, easy to install and efficient method of constructing tiered seating in the market. The SSE team can work with the contractor to provide insight into the most efficient method of installing the **PREFOAM** System.

The SSE Systems are installed in late in the construction sequence allowing the subcontractors to finish all the high work in the platform areas without the need to scaffold over the riser platforms. Because of the detailed SSE shop/installation drawings and the logical assembly of the **PREFOAM** Systems, the installations lends itself to the economical use of unskilled labor when applicable. SSE management works in a hands-on basis directly with the general/subcontractor's field crew from preconstruction through the final concrete pour to insure that all questions are promptly answered and the experience gained through the installation of hundreds of systems is brought to the table. SSE hands-on management of material delivery to the jobsite allows the contractors to schedule "just-in-time" deliveries of the material to the jobsite.

The use of the SSE **PREFOAM** Systems provide benefits to the entire project team from architects and engineers to facility owners to general and subcontractors. Our best references are our clients. We work hard to earn their trust, respect and repeat business.



ENVIRONMENTALLY RESPONSIBLE

There is little debate IF the incorporation of tiered seating into your design is something that enhances the experience of your audience. The question is HOW should architects and builders best apply “sustainable design principals” into the design and construction process for this component of the building. Until recently, compacted dirt fill; structural steel; precast concrete or structural light gauge metal framing were the only methods of constructing tiered stadium seating.

Today there is a relatively new and innovative approach to constructing the tiered seating risers that is not only more efficient and economical than the traditional methods; it is an environmentally responsible, “Green” solution that uses recyclable material as the “building blocks” for the tiered seating risers.

Architects, have taken on the challenge of determining how to build and furnish building’s interiors with materials that are:

- 100% Recyclable
- Manufactured using post- consumer & post-industrial materials
- ENERGY STAR qualified
- Contributes toward LEEDS credit requirements
- Free of dyes, formaldehyde and HCFCs

This section addresses one aspect of modern day stadium seating riser system design and construction; the design and selection of the most environmentally friendly tiered stadium seating system available today. This innovative SSE PREFOAM Stadium Seating Riser System uses Expanded Polystyrene (EPS) blocks as the structural fill material to support the tiered seating platforms. The blocks are easily factory and field-cut for installation in virtually any configuration necessary and provide excellent acoustic quality, and, more importantly, the use of EPS in the PREFOAM stadium seating system as well as its use as an insulation material in the overall construction of the building meets many of the criteria necessary for LEED certification. For the tiered seating risers, it is similar to stacking “Lego type” blocks made of EPS to form the tiered seating platforms.



SSE is one of the leading companies in the design industry that has taken a fresh approach to protecting the build environment and employing sustainable building practices. Over the past few years, the design and construction professions have turned their focus to the “Greening of America.”

The U.S. Green Building Council has developed a nationally accepted system to rate the design, construction and operations of buildings. The USGBC’s leadership in Energy and Environmental Design (LEED) is a standard that recognizes the life-cycle cost of construction and helps guide the performance of projects. The LEED rating system allows owners to acquire credits by meeting certain conditions pertaining to the use of sustainable, energy efficient and environmentally friendly products and systems.

The use of SSE PREFOAM EPS in design and construction of stadium seating for theatres, auditoriums, lecture halls, live entertainment venues, and sanctuary seating addresses each of these criteria and provides a product that is both environmentally responsible and a cost efficient solution to installation of tiered stadium seating riser systems.

- EPS manufacturing uses minimal energy and creates nominal pollution. Steam is the primary component in the manufacturing process and the water from this process is collected and reused numerous times.
- With manufacturing facilities throughout North America, EPS is manufactured in close proximity to most building projects minimizing the distribution radius.
- Because EPS is very lightweight, transportation costs are minimized.

Energy Efficient

- According to the U.S. Green Building Council, using EPS in building construction helps reduce energy consumption.

- SSE **PREFOAM** EPS blocks for tiered stadium seating systems can be placed directly on compacted fill, thus eliminating the need for a concrete slab under the stadium seating risers. Because of the characteristics of EPS, it minimizes thermal transfer, inhibits mold growth, and is resistant to insects.

Green House Gas Reduction

EPS unlike Extruded Polystyrene (XPS) has never utilized any greenhouse gases in the manufacturing process and the manufacturing process itself does not result in emissions of greenhouse gases.

In addition to the energy and environmental benefits inherent in the use of EPS, there are a large number of efficiencies that can be realized using the **PREFOAM** EPS System as a construction solution for tiered stadium seating.

Once the steel risers and the connecting hardware are in place, the intermediate step forms are attached to the face of the risers to complete the platform assembly. At that point, the platform is ready for the one continuous concrete pour of the horizontal platform surface. This approach will typically save weeks off the installation schedule and reduce overall costs by as much as 20-25% compared to traditional methods.

The incorporation of a **PREFOAM** System is not only more cost efficient, but also an environmentally responsible, sustainable, “green” approach to design and construction of tiered stadium seating risers.

Made with Recycled Material

- EPS building products can be made with recycled material content. In 2004 more than 57 million pounds of EPS was recycled.

- Tiered stadium seating systems are typically made with approximately 10% recycled content.

- At the end of a building’s useful life, tiered stadium seating systems constructed with SSE **PREFOAM** EPS fill material can easily be removed and recycled. More than 90% of the material in an EPS tiered stadium seating system is comprised of recyclable EPS block material.

- EPS does not contain harmful formaldehydes, CFC’s or HCFC’s. The American Lung Association’s Health House guideline acknowledges that EPS is a safe material for insulation and structural support in construction.

- EPS has a high degree of resistance to moisture absorption controlling humidity and air infiltration thus reducing the development of mold.

- The use of SSE **PREFOAM** EPS in tiered stadium seating design reduces vibration, reverberation and virtually eliminates “drumming” associated with deep base in musical performances. By minimizing audio interference and feedback, speakers are more easily heard and understood in large sanctuary spaces.

