

General Contractor efficiency, significant cost savings, shorter schedules, installation simplicity and completely prefabricated system components are all characteristics of the SSE-EPS Solution.

For more information, please contact:
Frank B. Moson, President
Email: frankmoson@sseseating.com



Builders and owners alike are striving to reduce cost, shorten schedules and improve the quality of the finished product in the most efficient way possible.

The SSE-EPS Stadium Platform Solution gives architects, general contractors and owners a solution that will allow them to go from a "finished shell" to a finished auditorium in weeks, not months.

Using a completely prefabricated system of EPS Foam and 16-gauge 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-EPS Stadium Platform system is the fact that it is installed late in the construction sequence after the stud and drywall work has been completed on the auditorium demising walls, back walls and vomitory walls.

Because the general contractor can work on a floor unencumbered by scaffolding, the work to get the auditorium "stadium ready" proceeds much more efficiently and quickly than can be realized using traditional methods of constructing stadium platforms.



Typically each EPS block is delivered to the project site pre-cut to the dimensions and slope (if any) of the 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 is used to hold them in place until the riser plates and connecting straps are installed. Typically, by the afternoon of the first day of installation, the work crew is busy installing the 16-gauge steel riser plates and connecting strap 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 straps placed every 24" on-center.

If reviewing agencies require concrete on the vertical face of the riser or if the owner is using riser mounted seats, the connecting strap is designed with an integral cleat that is set 4" back from the forward connecting tab. That cleat also serves as a spacer to hold the plate 4" back from the EPS foam to accommodate the vertical concrete, seat bracket and/or any necessary reinforcing.



Once the 16-gauge steel forms have been put in place for the intermediate steps, the complete platform is ready for the concrete to be poured in one continuous operation.

If desired, the intermediate step forms can be designed with an integral slot for a handrail. The use of this feature is dependent upon the location of the steps relative to the side and vomitory walls.

In the photographs included in this presentation, the SSE-EPS Foam Solution was installed by the general contractor and ready for concrete in less than two days per auditorium.

Because the SSE-EPS System is completely pre-fabricated and so easy to install, the entire in-

stallation of the platform can be accomplished in as much as 50% of the time normally allotted for traditional methods.

Additionally, due to the straightforward nature of the installation, significant cost savings can be realized through use of inexpensive labor for the majority of the platform installation process.

General Contractor efficiency, significant cost savings, shorter schedules and completely pre-fabricated system components are all characteristics of the SSE-EPS Solution.