



The safepit+[®] system provides safety for musicians in the pit as well as the actors onstage Oklahoma! at Christ Church Episcopal School (Greenville, SC)

About safepit+[®]

safepit+[®] is an orchestra pit safety system (U.S. Patent 9,631,385 / Canadian Patent 2,933,878) by Productions Unlimited, Inc. It is designed specifically to provide unparalleled safety while offering multiple options in stage/pit configuration. The open mesh design is acoustically transparent, allowing the system to stay in place during performances while providing safety for those in the pit as well as on the stage. safepit+[®] is designed to be overlaid with polyonyx+[®] or other solid surface material when a solid pit cover is required.

System Highlights

- Provides the utmost in safety for multiple stage configurations (full/partial pit, audience seating, or stage extension)
- Solutions for any orchestra pit, even those with a pit lift
- A custom support structure will be developed for your space, allowing maximum area below the safepit+[®] structure
- Open mesh configuration is acoustically transparent, letting sound travel to the audience without affecting quality
- The wire mesh provides a 20 psf (97.6 kg/m²) rated floor that can support performers and crew
- Walkable wire mesh provides protection from dangers above for performers in the pit, while performers onstage are protected from falling into the pit
- Mesh decks have a black powder coat finish (custom colors on request)
- 1/4-turn Camloc hardware used throughout for ease of assembly
- Can be assembled or reconfigured with as few as two people in a matter of hours
- Optional removable panel for conductor (includes removable guard rails for rehearsals)
- Any panel can easily be removed, creating flexibility for openings and modular traps
- When orchestra pit is not in use, the system can be covered with polyonyx+[®] or other solid sheet overlay to provide 150 psf (732 kg/m²) stage extension



Removable panel allows the conductor to communicate with musicians and actors

Material Specifications

- Metal truss structure
- Metal support legs and clips
- Camloc 1/4-turn assembly hardware
- Heavy metal wire mesh

Live Load Ratings

- Open Mesh = 20 psf (97.6 kg/m²)
- With Overlay = 150 psf (732 kg/m²)

System Components

Mesh Decks - The mesh decks consist of truss frames with heavy metal wire mesh welded to the top. Mesh decks are custom made to fit the needs of your facility. They provide a walkable 20 psf (97.6 kg/m²) rated floor that is also acoustically transparent.



Mesh decks protect musicians in the pit

polyonyx+[®] Panels - polyonyx+[®] can be used on top of the mesh decks to create a solid surface stage extension or pit filler at different elevations. The panels are custom made and are secured to the decks by retainers attached from underneath the decks.



polyonyx+[®] overlay with conductor panel removed

Support Structure - Support beams and legs are specially engineered for your facility to provide stability while also maximizing the amount of space available in the pit.



Maximum space in pit with system in place

A product by:



PRODUCTIONS UNLIMITED, INC.

www.productionsunlimitedinc.com

Toll Free: 844.579.7455