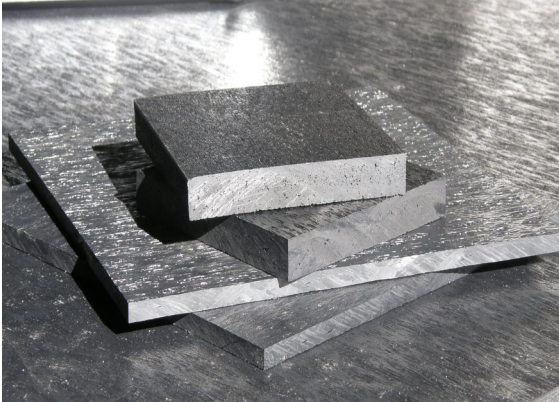


### for Existing Floor Overlay



polyonyx+® is a stage flooring product made from aerated polymers that is inherently black, easy to cut with standard woodworking tools, available in four thicknesses, comes in 4x8 sheets and is incredibly durable. The product is an excellent replacement for ¼" hardboard flooring typically found on stages. The following points should be followed when using the product as an overlay over an existing stage floor.

#### **Safety & Handling:**

To protect hands, please wear gloves when handling this product for installation. This substance is not considered a potential carcinogen in either the NTP Annual Report on Carcinogens, the IARC Monographs or by OSHA. When cutting the material, a fine dust may accumulate. Safety glasses must be worn to prevent eye irritation. If irritation occurs, flush with plenty of water. An appropriate NIOSH-designated dust mask should be worn to prevent dust inhalation. In case of dust inhalation, move away from the source of exposure and into fresh air. Keep away from open flame and heat. Material will burn if exposed to fire.

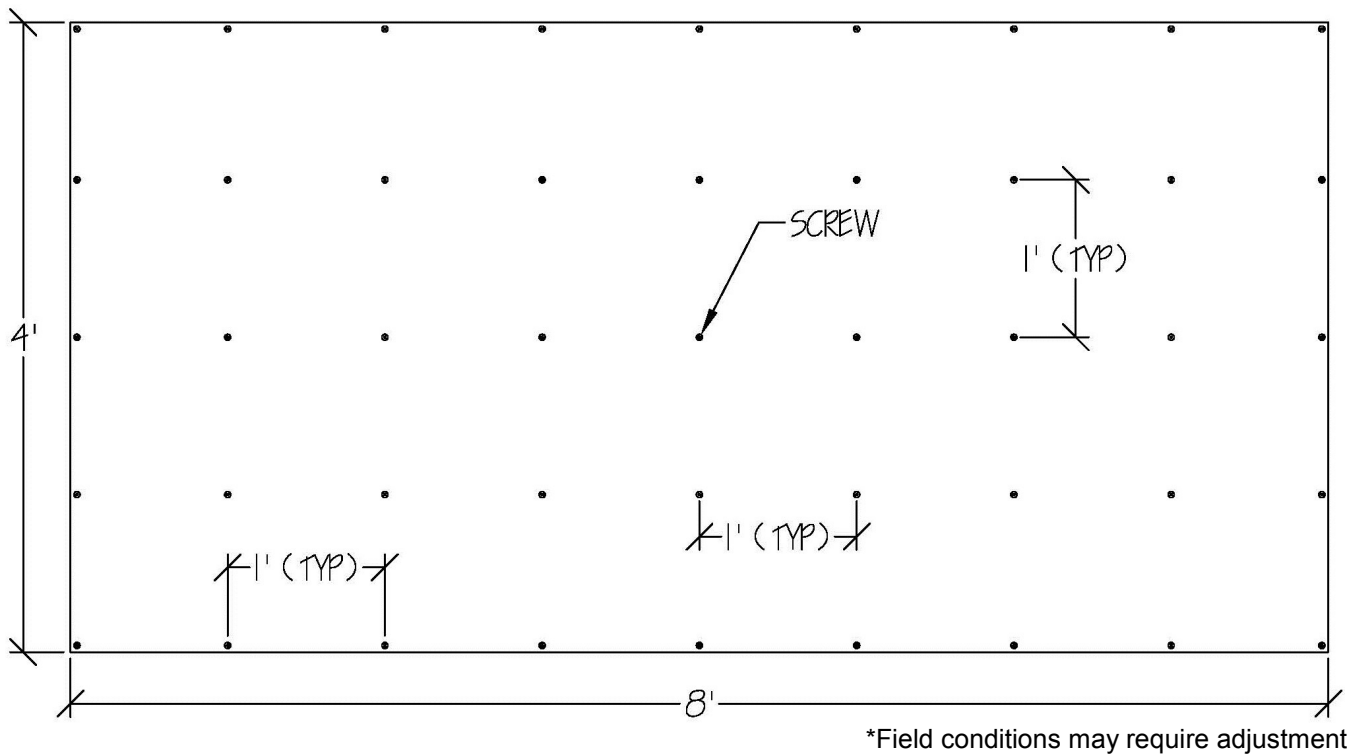
#### **Installation:**

- Proper conditioning of both the jobsite and the flooring is necessary. The subfloor at the jobsite must be free of moisture before installation. Materials should be stored in a dry, climate controlled storage area before installation and should not be exposed to sudden changes in temperature, moisture, or humidity.
- Existing floor must be flat and have no voids greater than 1" in diameter. If fillers or leveling products are required use them as you would with any other sheet flooring.
- Existing floor must be able to support the anticipated loading requirements and the structural properties of polyonyx+® should be taken into account.
- Sheets should be laid out in a pattern that is pleasing to the eye and requires the minimum amount of cutting.
- polyonyx+® has two surface textures. It is important to have the sheets oriented with the rougher side or the smoother side up depending on the owner's wishes and anticipated use.
- Composite deck or trim screws work very well with this product depending on the subflooring. Testing should be done to determine if the screw heads will pull down flush with the sheet surface. If not, standard woodworking screws can be used in conjunction with a combination drill/countersink bit to provide a smooth surface. Care should be taken to ensure that screw heads aren't driven all the way through the material. 45 screws per sheet is recommended, however the installer must determine what works best in their particular installation.
- In high heat situations (over 100°), some warping/buckling may occur. If temperature extremes are a possibility, we recommend increasing the number of screws used to attach the floor.
- A space of 1/16" should be placed between sheets on their sides and end. A good way to provide this even spacing is by using a penny between the sheets.
- polyonyx+® should be cut only with a fine tooth blade using a track saw and guide. Any curves should be cut using a rotary tool, such as a router.

- Any raised edges should be protected from wear by the use of a steel or aluminum transition piece.
- polyonyx+<sup>®</sup> can be painted with any latex paint if required. However, it is inherently black and should not need paint unless a color other than black is required.
- Petroleum based products should not be used to clean the floor. Simple detergent and water are all that should be required.
- Placing heat-generating equipment (e.g., hazers, etc.) directly on the surface for an extended period of time may cause warping. It is recommended that some sort of insulation be placed between polyonyx+<sup>®</sup> and such equipment.

Please contact us if you should have any installation questions not covered by this document. We hope you enjoy your new polyonyx+<sup>®</sup> floor!

### Typical Screw Spacing



Although the information and recommendations are presented in good faith and believed to be correct, Productions Unlimited, Inc. makes no representations or warranties as to the completeness or accuracy of the information. All information is subject to change without notice. Customers are responsible for determining whether products and information are appropriate for their use. As with any plastic product, appropriate fire protection should be included in the overall design and pyrotechnics may cause pitting if allowed to fall directly on surfaces similar to precautions used with dance floor surfaces.

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