



polyonyx+® is a unique blend of polymers by Productions Unlimited, Inc., Greer, SC, designed specifically to meet the needs of the entertainment industry for multiple performance oriented uses. polyonyx+® has the moisture resistance of plastic, the screw retention of hardwood, and the rigidity to be used in everything from stage floors to road cases. It is used to provide durability where other materials have historically been used but performance was less than desirable.

SPECIFICATIONS

- Stage and platform flooring
- Excellent resurfacing solution
- Black color throughout = No painting necessary
- Surface is paintable if required
- Two surface textures for outdoor & indoor slip resistance
- Cut and drill with standard wood working tools
- Does not absorb water
- Does not warp due to environmental conditions
- Can be thermo molded
- Excellent screw retention
- Contains an average of 95% recycled content

ORDERING INFORMATION

- Standard 4' x 8' sheets
- Custom sizes upon request
- Available only in black
- Installation screws can be included in pricing per sheet
- Available thicknesses:
 - 1/4" nom. 0.236" - 34 lbs. per sheet
 - 3/8" nom. 0.354" - 51 lbs. per sheet
 - 1/2" nom. 0.472" - 67 lbs. per sheet
 - 3/4" nom. 0.708" - 101 lbs. per sheet

POSSIBLE OTHER USES

- Road Cases
- Portable Riser Tops
- Wall Protector for Backstage Areas
- Ramps
- Pit Covers
- Plywood Replacement
- Custom Uses

Comparative Data—polyonyx+® to wood

| | polyonyx+® | White Pine | Fir Wood |
|----------------------|-----------------------------|---------------------------------------------|---------------------------------------------|
| Density | .85 g/cm ³ | .55 g/cm ³ | .57 g/cm ³ |
| Tensile Strength | 3,540 psi | 2,525 psi | 3,404 psi |
| Shore D Hardness | 98 | 51 | 38 |
| Water Absorption | Not Absorbed | Absorbed | Absorbed |
| Compressive Strength | 1,123 psi (both directions) | 595 psi with grain 1,800 psi cross grain | 625 psi with grain 1,700 psi cross grain |

