



Marine Products



The Lightweight Marine-Grade Cellular Sheet

King StarBoard® XL is a lightweight, marine-grade, cellular high-density polyethylene sheet that is up to 30% lighter than the original King StarBoard®. It is the product of a proprietary process called K-Stran™, the most advanced manufacturing process for superior flatness and consistency. King StarBoard® XL has a matte finish on both sides of the sheet. It is environmentally stabilized to withstand the harshest outdoor conditions. King StarBoard® XL will not rust, delaminate or rot when exposed to UV, humidity or water. It is ideal for a variety of marine applications from boat components to equipment mounts, and looks good enough to use in high-visibility applications where structural strength and a finished edge are not important. For maximum versatility, standard colors are made to coordinate with the original King StarBoard®. The polymer sheet never needs painting or refinishing, works like wood, and is easy to fabricate with common woodworking tools and techniques.

King StarBoard® XL is upgradable to King MicroShield® with an advanced antimicrobial technology for protecting the product surface against stain and odor causing bacteria, algae and fungi.*

For more information about King MicroShield®, please visit www.kingplastic.com

KING STARBOARD® XL

Applications

- Cockpit Covers
- Deck Components and Equipment Mounts
- Doorstops and Thresholds
- Electronic Mounts
- Ladder Steps
- Recess Hatches and Bait Well Covers
- Tackle Centers

Specifications

Standard Sheet Size

in: 60" x 96"
mm: 1524 mm x 2438 mm

Standard Gauges

in: 1/4" | 3/8" | 1/2" | 3/4"
mm: 6.4 mm | 9.53 mm | 12.7 mm | 19 mm

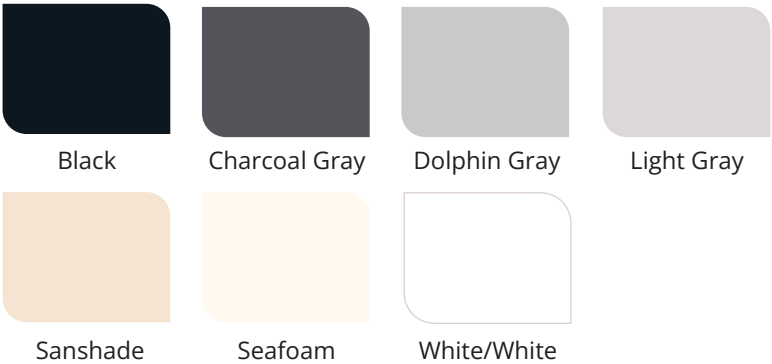
Approximate Weight

lbs: 40 lbs | 61.5 lbs | 80 lbs | 120 lbs
kg: 18.14 kg | 27.89 kg | 36.28 kg | 54.43 kg

Tolerance information: Gauges 1/4" up to 3/4" ± 5%
Length and width plus only at room temperature

Custom sheet sizes, gauges, and colors available

Standard Colors



Note: Color accuracy can vary considerably on computer monitors and printers.
Please consult your distributor for a product sample before making critical color choices.
Disclaimer: King MicroShield® may affect color.

*For bacteriostatic, fungistatic, & algistatic properties. This product is exempt from registration under 40 CFR 152.25(a). King MicroShield® effectiveness verified by ISO and ASTM standards. This product does not protect users or others from disease-causing bacteria. Always clean this product thoroughly after use.

Properties	Units	ASTM	Nominal Values
Density	g/cm ³	D792	0.77
Tensile Strength @ Yield	psi	D638	>3,300
Tensile Modulus	psi	D638	165,000
Elongation @ Yield	%	D638	9.6
Flexural Modulus	psi	D790	130,000
Flexural Stress @ 5% Strain	psi	D790	2,990
Compressive Properties 10% Strain	psi	D695	2,910
Durometer	Shore D	D2240	64.9
Izod Impact Resistance	ft.lbs./in. ²	D256	1.4
Heat Deflection Temp. 66 psi	°C (°F)	D648	87°C (188°F)
Screw Holding Strength	lbs	D1761	325
Flammability	Rating	UL94	HB

All values are determined on specimens prepared according to ASTM.
Nominal values should not be interpreted as specifications.
King StarBoard® XL is made entirely from FDA and USDA approved material.