

KING STARBOARD®

Tolerance information:

Gauges 1/4" up to 1-1/2" ± 5%
Length and width plus only at room temperature

Custom sheet sizes, gauges, and colors available

| Properties | Units | ASTM | Nominal Values |
|-----------------------------------|--------------|-------|------------------|
| Density | g/cc | D1505 | 0.955 |
| Tensile Strength @ Yield | psi | D638 | >4,100 |
| Tensile Modulus | psi | D638 | 255,000 |
| Elongation @ Break | % | D638 | >600 |
| Elongation @ Yield | % | D638 | 9.8 |
| Flexural Modulus | psi | D790 | 185,000 |
| Flexural Stress @ 5% Strain | psi | D790 | 3,810 |
| Compressive Properties 10% Strain | psi | D695 | 4,950 |
| Durometer | Shore D | D2240 | 68 |
| Tensile Impact | ft.lbs./in.2 | D1822 | 115 |
| Izod Impact Resistance | ft.lbs./in.2 | D256 | 1.1 |
| Brittleness Temp. | °C (°F) | D746 | <-76°C (<-105°F) |
| Vicat Softening | °C (°F) | D1525 | 123°C (253°F) |
| Heat Deflection Temp. 66 psi | °C (°F) | D648 | 75°C (167°F) |
| Screw and Nail Withdrawal | lbs | D1761 | 657 & 63 |
| Flammability | Rating | UL94 | HB |

All values are determined on specimens prepared according to ASTM.

Nominal values should not be interpreted as specifications.

King StarBoard® is made entirely from FDA and USDA approved material.

King StarBoard® meets ASTM D4976.

The raw material used to make King StarBoard® does not contain BPA's or Phthalates.

King Plastic Corporation Limit of Warranty is your money refunded or defective material replaced. All statements, information and data given herein are believed to be accurate and reliable. It is presented without guaranty, warranty or responsibility of any kind, expressed or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated or that other measures may not be required.



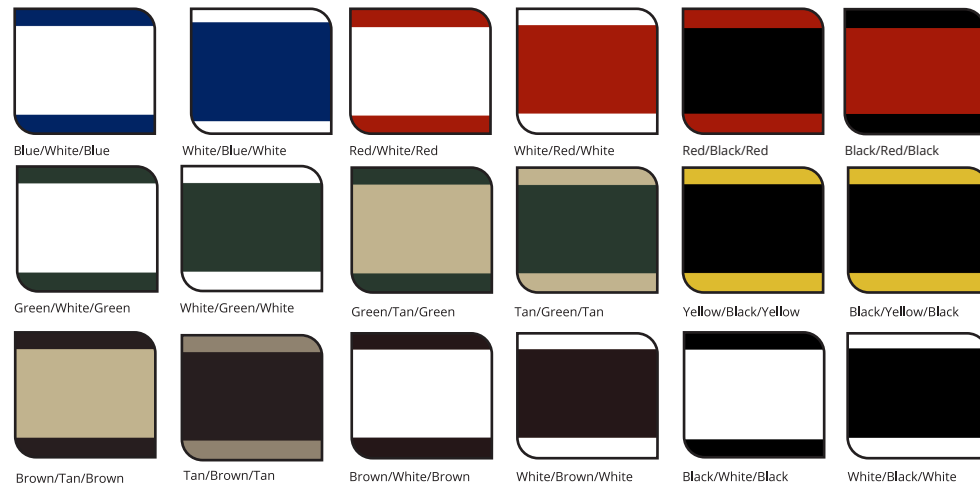
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Our Innovation. Your Imagination.®

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KING COLORCORE®

King ColorCore® is a popular, versatile, environmentally stabilized sheet with contrasting colors and ideal for engraving. Its thin cap layers and bright primary colors make it ideal for signage, marine, playground and recreational applications. King Colorcore is made with high-impact-resistant polymer to handle more abuse than conventional sign materials.

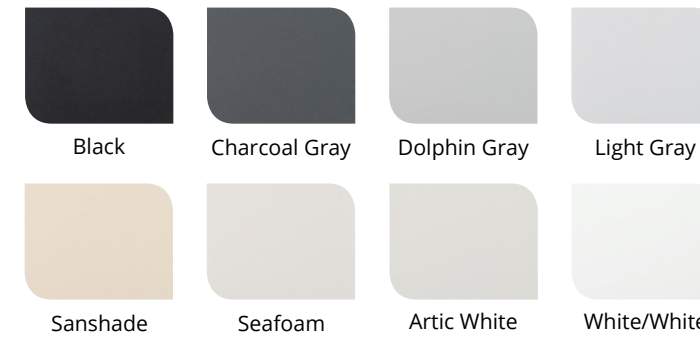
Standard Colors



KING STARBOARD®

King StarBoard® is the original marine-grade high-density polyethylene sheet and the industry standard. It is the product of a proprietary process called K-Stran®, the most advanced manufacturing process for superior flatness and consistency. King StarBoard is environmentally stabilized to withstand the harshest marine conditions. It will not warp, rot, or delaminate when exposed to humidity or water. King StarBoard is easy to fabricate with standard woodworking tools and requires little or no finishing.

Standard Colors



KING STARBOARD® XL

King StarBoard® XL is 100% virgin polymer, marine-grade cellular material with an excellent surface finish that looks good enough to use in high-visibility applications where structural strength and a finished edge are not important. King StarBoard XL sheets are up to 30% lighter in weight than King StarBoard® and are made with the same textured surface and colors for a perfect match.

Standard Colors



KING STARBOARD® ST

King StarBoard® ST is a special, high-density polyethylene sheet that provides a super tough surface for many applications. This unique and advanced polymer makes the material 25% stronger than the original King StarBoard®. King StarBoard ST's high scratch-resistance makes it an excellent construction material.

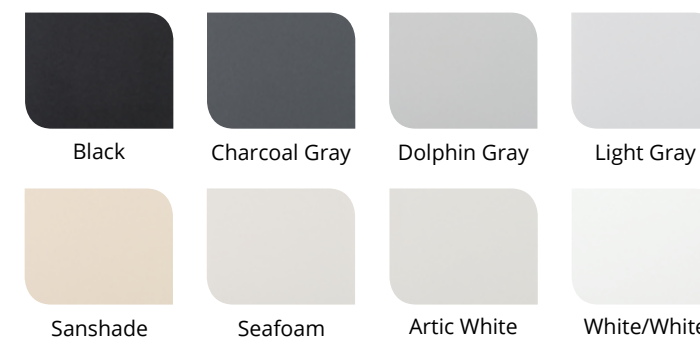
Standard Colors



KING STARBOARD® AS

King StarBoard® AS is a sure-grip, marine-grade, decking material designed specifically for high-traffic areas. This unique product features a special high-friction surface polymer in a diamond or dot pattern to prevent slipping and promote drainage.

Standard Colors



KING STARLITE® XL

King StarLite® XL is an economical cellular (closed cell) utility sheet made from select high-grade King StarBoard® recycled high-density polyethylene. It is ideal for boat parts, as an upholstery substrate and in other behind-the-scenes applications where edges aren't visible. King StarLite XL is up to 35% lighter in weight than King StarBoard and it offers the same quality textured surface on both sides.

Standard Colors

