

KING STARBOARD®

The Original Marine-Grade Polymer Sheet



Care & Maintenance Manual



King Plastic Corporation

Our Innovation. Your Imagination.®

Care & Maintenance

King StarBoard® is the original marine-grade high-density polyethylene sheet and the leading brand in the marine industry. The King name is synonymous with quality to those who know plastics, and the King StarBoard® brand has been helping pros build better boats for more than thirty-years. It is environmentally stabilized to withstand the harshest outdoor conditions. King StarBoard® will not rust, delaminate or rot when exposed to UV, humidity or water. It is ideal for a variety of marine applications from replacing wood, to building boat components and furniture. The polymer sheet never needs painting or refinishing, works like wood, and is easy to fabricate with common woodworking tools and techniques. King StarBoard® is made to maintain its shape, color and finish for the life of your boat.

The King StarBoard® family of products is also chemically resistant. Most chemicals, except the harshest solvents and acids, will have little effect on the material.

There is not much you have to do to keep it looking new. The following are a few tips on care and maintenance to keep all King StarBoard® parts looking new.

- Keep teak oil and other wood preservatives and stains away from King StarBoard components. They may permanently stain King StarBoard®.
- Rust stains are very difficult to remove from King StarBoard®, especially light colors. Keep uncoated metals away from your new King StarBoard®.
- Soft deck shoes are recommended for walking surfaces made with King StarBoard® marine polymers. Hard, black soles can leave scuff marks that are difficult to remove.
- Do not mark the material with pencils, pens or magic markers. If you are constructing or attaching something to King StarBoard®, use china markers or wax pencils.
- Clean up any gasoline spills immediately with a water and soap flush.
- King StarBoard® will melt if exposed to extreme heat. Your boat builder has chosen King StarBoard® for particular applications based on normal environmental conditions and considerable testing. Do not subject the material to a consistent operating temperature of over 150° Fahrenheit. Heat sources such as hot plates and lit cigarettes can mar the finish.
- You will not be able to paint King StarBoard®. Even polyurethanes do not hold to the material for long.

Cleaning

Cleaning parts and accessories made with King StarBoard® marine-grade polymer is very simple:

- To clean everyday dirt and stains, use a cleaner such as Soft Scrub® and a nylon scrubby or stiff nylon brush. Scrub lightly; excess force can mar the finish.
- Persistent stains will usually go away if you soak the area with bleach. Do not use 100% chlorine used to treat swimming pools and do not use a pressure washer.
- To clean a petroleum stain such as grease or oil, use a citrus cleaner, alcohol or mineral spirits.
- For severe petroleum-based stains, spray with WD40®. Then use toluene or acetone and a white nylon scrub pad (colored pads release staining dyes when combined with acetone).
- Do not use MEK, turpentine or naphtha solvent.

Furniture polish or products such as Armor-All® can add an attractive luster to the finish of King StarBoard® and hide small surface blemishes. To prevent slipping, do not use these products on walking surfaces.

If a mark or stain won't come out, you may lightly sand the area. Be careful to only work on the stained area because sanding will remove the matte finish.

Any high-quality silicone marine caulk works well to replace old or worn caulking. Before caulking, the surface should be prepared by abrading it with medium-grit sandpaper; cleaning it with acetone, toluene or alcohol, and flame treating.

Customizing with King StarBoard®

Boaters like you have found King StarBoard® to be the perfect fit when they want to unleash their creativity and make their boat better for their boating lifestyle. Visit www.kingplastic.com for details on many innovative projects using the various King StarBoard® family of products. The material is easy to work with using standard woodworking tools and techniques, please refer to the "Working With King StarBoard®" instruction sheet, which is available on our website.

A few suggestions from our website are worth mentioning:

- Use standard woodworking tools to repair or fabricate components. To create a crisp edge with a circular saw, use a good carbide blade with 60 teeth for a 10" blade and 40 teeth for a 7 1/2" blade.

- King StarBoard® cannot be glued using standard adhesives. It is preferable to use stainless steel mechanical fasteners when constructing components with King StarBoard®. Visit our website to obtain the latest information and recommendations regarding adhesives and their application.
- When securing a component to King StarBoard® with screws, it is important to drill pilot holes in materials to be joined followed by an oversized hole in the King StarBoard®. This will properly allow for material expansion and contraction. For a more detailed discussion of King StarBoard® physical properties, visit our website.
- Staples work well with King StarBoard®. However, it may be necessary to use a tack hammer to drive the staple all the way in.
- Popular King StarBoard® applications include: hatches, doors, grab rails and handles, step and dock boxes, rod and cup holders, countertops (other than galley), chairs, tray tables, frames and trim.

Product Availability

Visit www.kingplastic.com to review the standard products and colors.

For distributor information, visit our “Where to Buy” page at www.kingplastic.com/where-to-buy or contact customer service at 941.493.5502.

King StarBoard® is available in eight standard colors and many thicknesses. Full and partial sheets are usually available from local marine wholesale or retail outlets. Many boat dealers, marinas and boat yards have or can easily obtain King StarBoard®. Visit www.kingplastic.com to review the standard products and colors.

Some boat builders use custom-colored King StarBoard®. This is usually more difficult to obtain and may be proprietary to the boat manufacturer. If you want a perfect match with a custom color, contact your boat manufacturer.

These general guidelines are not intended to address every conceivable concern regarding the care and maintenance of your King StarBoard® products. Visit www.kingplastic.com for ideas and detailed instructions or send questions to sales@kingplastic.com.



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