

KING STARBOARD® ST

The Polymer Building Sheet That Lasts a Lifetime



Care & Maintenance Manual

Care & Maintenance

King StarBoard® was the first building material specifically developed to endure the constant punishment of the sun, water and weather in harsh marine environments. We like to say that it is the first “environmentally stabilized” outdoor polymer sheet. King StarBoard® has been proven on boats worldwide, it will maintain its shape, color and finish for the life of your outdoor product.

King StarBoard® ST is a super tough sheet designed for the construction of outdoor, commercial cabinets and furniture. A unique and advanced polymer production process makes it up to 25% stiffer and it is one of our most scratch resistant polymers. It will not rust, delaminate, or rot when exposed to UV, humidity or water.

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

There isn't much you have to do to keep it looking new. The following are a few tips on care and maintenance to keep all the cabinets and furniture made with King StarBoard® ST looking new.

- Keep teak oil and other wood preservatives and stains away from King StarBoard® ST components. They may permanently stain King StarBoard® ST.
- Rust stains are very difficult to remove from King StarBoard® ST, especially the lighter colors. Keep uncoated metals away from your new King StarBoard® ST.
- Soft deck shoes are recommended for walking on the product surface. Hard, black soles can leave scuff marks that are difficult to remove.
- Certain tree saps and berries may permanently discolor King StarBoard® ST. Wash frequently if your item is located under or near trees or shrubs.
- King StarBoard® ST will melt if exposed to extreme heat. Your designer has chosen to make your item from King StarBoard® ST for a particular application 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® ST. Even polyurethanes do not hold to the material for long.
- King StarBoard® ST is one of our most scratch resistant polymers, but it is not scratch or gouge proof.

Cleaning

Cleaning furniture and cabinets made with King StarBoard® ST outdoor 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 as used to treat swimming pools and/or use a pressure washer.
- Stains and marks have been successfully removed with the following branded products: Goof Off®, Mr. Clean Magic Eraser®, and GOJO® Orange Pumice Hand Cleaner.
- To clean a petroleum stain such as grease or oil, use a citrus cleaner, alcohol or mineral spirits.
- In severe cases, spray petroleum-based stains 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 automotive silicone spray products such as Armor-All® can add an attractive luster to the finish of King StarBoard® ST 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 and only work on the stained area because sanding will remove the matte gloss finish.

Customizing with King StarBoard® ST

Homeowners like you have found King StarBoard® ST to be the perfect fit when they want to unleash their creativity and make furniture and cabinets suited to the outdoor lifestyle. Our website, www.kingplastic.com, details many innovative projects and describes the various King Plastic products. The material is easy to work with using standard woodworking tools and techniques, although users are advised to read the "Works Like Wood" instructional brochure 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® ST cannot be glued using standard adhesives. It is preferable to use stainless steel mechanical fasteners when constructing components with King StarBoard® ST. Visit www.kingplastic.com to obtain the latest information and recommendations regarding adhesives and their application.
- When securing another King StarBoard® ST component to your cabinet or furniture items with screws, it is important to drill pilot holes in materials to be joined. When securing your King StarBoard® ST item to a non-expanding surface such as a wall, make an oversized hole in the King StarBoard® ST. This will properly allow for material expansion and contraction. For a more detailed discussion of King StarBoard® ST physical properties, visit our website.
- Staples work well with King StarBoard® ST. However, it may be necessary to use a tack hammer to drive the staple all the way in.

Popular King StarBoard® ST applications for the outdoor lifestyle include: cabinets, chairs, tables, doors, rails and handles, steps, decks, storage, flower boxes, shelving, tool and utensil holders, light fixture bases, electric motor mounts, cushion frames, outdoor trim and garden borders.

Product Availability

King StarBoard® ST is available in ten standard colors. Sheet sizes and thickness are very similar to plywood. Many lumber yards, plywood distributors, boat dealers, marinas and boat yards can easily obtain King StarBoard® ST by special order.

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



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Our Innovation. Your Imagination.®

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