

KING STARBOARD® ST

The Polymer Building Sheet That Lasts a Lifetime

Care & Maintenance Manual



The builder of your outdoor cabinets or furniture is dedicated to quality in every detail, that's why they've chosen King StarBoard® ST to construct your product. This manual contains everything you need to know to keep this outdoor component looking new.

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 25% stronger and about three times more scratch resistant than the original King StarBoard. Unlike wood, laminates and ordinary plastic, it will not warp, rot, discolor or delaminate.

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 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 nine 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.

