



King Plastic Corporation

## **King StarLite® XL FAQ**

### **What is King StarBoard® 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.

### **What type of finish?**

Matte on both sides.

### **What colors are available?**

King StarLite® XL is available in 3 standard colors: Utility Black, Utility Gray, Utility White.

### **Can you custom color match?**

Yes. Please call Customer Service at 941.493.5502.

### **What sizes are available?**

King StarLite® XL standard sheet size is 60" x 96". Standard gauges are 1/4", 3/8", 1/2" and 3/4". Custom sheet sizes and gauges available upon request. Please call Customer Service at 941.493.5502.

### **Is King StarLite XL available with an antimicrobial?**

Yes. King StarLite® 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.\*

### **What are the Features and Benefits of King StarLite® XL?**

- Environmentally stabilized
- No volatile organic compounds (VOCs)
- Resistant to common molds and mildew
- Chemical-resistant and easy to clean



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- Will not warp, rot, splinter, or delaminate
- No finishing required
- Works like wood
- Easy to fabricate
- Qualifies for LEED points

## **How Can I Fabricate and Finish it?**

Use standard woodworking tools: table saws, table routers, drills, blades and bits. Carbide router bits with two to four flutes are recommended.

## **How to Clean and Maintain?**

- To clean everyday dirt and stains, use either Mr. Clean Magic Eraser, Soft Scrub® or Simple Green Concentrate at full strength with 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.
- 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 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



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- Any high-quality silicone marine caulk works well as a gasket material. Regular caulking peels off.

## **How to Care and Store?**

- Store the sheets flat on a level surface
- Keep away from teak oil and other products that can stain the finish
- Use china markers or water-based markers to draw patterns
- Pen marks can usually be removed with household cleaners
- Keep away from heat sources that exceed 180° F
- Because there is no grain, parts can be cut from any area of the sheet  
Save the scraps for small parts, shims, spacers and plugs
- Remnants may be eligible for recycling; contact your distributor or King Plastic Corporation for details

## **What are common applications?**

- Deck Components
- Doorstops and Thresholds
- Recess Hatches and Bait Well Covers
- Tackle Centers
- Upholstery Substrate

## **Does King StarLite® XL expand and contract?**

Yes, at a rate of  $6 \times 10^{-5}$  in./degree F, changing approximately 1/32 inch for every foot of length or width over a 40° temperature change.

## **Is King StarLite® XL FDA approved?**

Yes.

## **Can I use a CNC machine?**

Yes.

## **Will the material produce dust when fabricating?**

No, only small shavings that can be recycled.



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**Can I use glue or paint?**

Gluing is not recommended. Because King StarLite® XL sheet products are designed to resist water and grime, they cannot be painted and the use of adhesives is not recommended. Specialized welding equipment and rods, designed for use with polymer sheets, are available.