

KING COLORCORE®

The Multi-Color Engravable Polymer Sheet



Care & Maintenance Manual



King Plastic Corporation

Our Innovation. Your Imagination.®

Care & Maintenance

King ColorCore® is a versatile multi-color engravable high-density polyethylene sheet with multiple layers of contrasting colors.

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

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

The following are a few tips on care and maintenance to keep King ColorCore® looking new.

- Keep teak oil and other wood preservatives and stains away from King ColorCore®. They may permanently stain the polymer sheet.
- Rust stains are very difficult to remove from King ColorCore®, especially light colors. Keep uncoated metals away from your new King ColorCore®.
- Do not mark the material with pencils, pens or magic markers. If you are constructing or attaching something to King ColorCore®, use china markers or wax pencils.
- King ColorCore® will melt if exposed to extreme heat. Do not subject the polymer sheet material to a consistent temperature of over 180° Fahrenheit. Heat sources can mar the finish.
- You will not be able to paint King ColorCore®.

Cleaning

- 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.

When you start to see scoring on your sheet of King ColorCore®, you may lightly use a steel scouring pad to remove any loose plastic particles from the sheet's surface, and then use a belt sander to smooth out the surface. Be careful to work on the problematic areas only because sanding will remove the matte finish.

Customizing with King ColorCore®

The material is easy to work with using standard woodworking tools and techniques, please refer to the CNC Fabrication page on our website.

A few suggestions from our website are worth mentioning:

- Use standard woodworking tools to 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 ColorCore® cannot be glued using standard adhesives. It is preferable to use stainless steel mechanical fasteners when constructing components with King ColorCore®.
- When securing a component to King ColorCore® with screws, it is important to drill pilot holes in materials to be joined followed by an oversized hole in the King ColorCore®. This will properly allow for material expansion and contraction. For a more detailed discussion of King ColorCore® physical properties, visit our website.

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.

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

Features and Benefits



UPGRADABLE TO KING MICROSHIELD®
For protecting the product surface from stain and odor causing bacteria, algae, and fungi



EASY TO CLEAN
Non-porous surface does not absorb odors and is easy to clean



BPA FREE
The raw material does not contain BPA's or Phthalates



ENVIRONMENTALLY FRIENDLY
Recyclable HDPE, smart and sustainable



MADE IN USA
America's most innovative polymer sheet manufacturer



QUALITY
The King brand is synonymous with quality

*For bacteriostatic, fungistatic, & algistatic properties. This product is exempt from registration under 40 CFR 152.25(a). King MicroShield® effectiveness verified by ISO and ASTM standards. This product does not protect users or others from disease-causing bacteria. Always clean this product thoroughly after use.



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