



**KING
COLORCORE®**

King ColorCore® the Very Popular, Versatile, Environmentally Stabilized Polymer Sheet with Layers of Contrasting Colors Ideal for Engraving

Applications

- All types of indoor and outdoor signage
- Playgrounds and playground equipment
- Tool wall templates
- Pictograms
- Picnic Tables
- Children's furniture
- In-store POP displays
- Playhouses
- Golf course markers
- Cabinetry
- For use in children's hospitals
- Industrial signage & safety markers

If you want to keep your bright ideas looking bright for years, King ColorCore® polymer sheets are versatile, durable and colorfast for that competitive edge you're looking for. King ColorCore® is a superior homogeneous polymer sheet, made with a unique state-of-the-art, continuous process called Polyfusion®. Manufactured to the highest standards in the industry, King ColorCore® will not delaminate like wood or wood-laminate products. With a cap that is approximately 10% of the overall gauge thickness, engraving is made easier and quicker.

Accelerated color weather tests performed by independent labs and several R&D departments show that King ColorCore® retains its color better and longer, thanks to the stringent standards of environmental protection built into every sheet.

Standard Colors

Green/Tan/Green
 Red/White/Red
 Blue/White/Blue
 Green/White/Green
 Brown/White/Brown
 Black/White/Black
 White/Red/White
 White/Blue/White
 White/Green/White
 White/Brown/White
 White/Black/White
 Tan/Green/Tan

Custom Colors Available

Standard Sheet Sizes

Standard Sizes (in. | mm)

48" x 96" / 1219mm x 2438mm

Standard Gauge (in. | mm)

1/4" | 1/2" | 3/4" / 6.35mm | 12.7mm | 19mm

Approximate Weight (lbs | kg)

40 lbs | 80 lbs | 120 lbs | 18 kg | 36.2 kg | 54.4 kg

Custom Sheet Sizes Available

Physical Properties

Density/cc

ASTM D1505 .96

Tensile Strength @ Yield - psi

ASTM D638 >4100

Tensile Modulus - psi

ASTM D638 225,00

Elongation @ Yield - %

ASTM D638 9.8

Elongation @ Break - %

ASTM D638 >600

Flexural Modulus - psi

ASTM D790 185,000

Heat Deflection Temp. 66 - psi

ASTN D648 167° F

Screw and Nail Withdrawal - lbs

ASTM D1761 657 & 63



KING COLORCORE®



King ColorCore® can be upgraded with antimicrobial protection using King MicroShield®. The latest technology for protecting the product surface against a broad spectrum of damaging bacteria, algae and fungi by reducing the microbes by 99.9%, and killing them on contact. The antimicrobial agent is bonded at the atomic level throughout the sheet and will not leach out of the product. It is safe, non-toxic and non-hazardous to ship or handle. The product is EPA-registered and listed with the FDA as a modifier to medical devices. Products made using King MicroShield are easy to clean, disinfect and keep hygienic using standard cleaning procedures.

Constant use of cleaning solutions will not affect products produced with King MicroShield®. King ColorCore® may also be upgraded with King FlameShield to meet ASTM E-84 Class A or Class B flame/smoke compliance and CAN/ULC-S102 for Canadian compliance.

For more information, visit our Website at www.kingplastic.com, call 941-493-5502 or ask your distributor about King ColorCore® today.

Distributed by:



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