



Partition Products

The Heavy-Duty, Waterproof and Graffiti Resistant Polymer Sheet

King Plasti-Bal® is a high density polyethylene sheet designed for indoor commercial and industrial architectural applications. It will never warp, rot or delaminate when exposed to water and humidity. King Plasti-Bal® is durable, low maintenance and never needs painting or refinishing.

King Plasti-Bal® comes standard in five matte gloss finished colors. Available in eleven custom colors and four designer textures upon special request.

King Plasti-Bal® is upgradable to King MicroShield® with an exclusive antimicrobial additive from Biosafe®, the latest technology for protecting the product surface against stain and odor causing bacteria, algae and fungi.*

King Plasti-Bal® is upgradable with King FlameShield, for ASTM E-84 Class A or B Flame/Smoke Compliance and CAN/ULC-S102 for Canadian Compliance.

KING
PLASTI-BAL®

Applications

- Benches
- Lockers
- Privacy Screens
- Restroom Partitions
- Shower Enclosures

Specifications

Standard Sheet Size

in: 1" x 55.5" x 144"

mm: 25.4mm x 1409.7mm x 3657.6mm

Standard Gauge

in: .950" - .999"

mm: 24.13mm - 25.4mm

Approximate Weight

lbs: 270 lbs

kg: 122.5kg

Tolerance information:

Length and width plus only at room temperature

Custom sheet sizes, gauges, and colors available

Standard Colors



Ebony



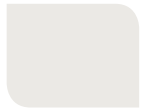
Brownstone



Sierra Brown



Deckhand Gray



Island Sand

Note: Color accuracy can vary considerably on computer monitors and printers. Please consult your distributor for a product sample before making critical color choices.

Disclaimer: King MicroShield® may affect color. King FlameShield may affect finish and color.

Active ingredient (Biosafe®).....antimicrobial siloxane EPA Reg. No. 83019-1

*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.

Biosafe® is a registered trademark of BIOSAFE, Inc.: Patent number 7,851,653 and 7,858,141.

| Properties | Units | ASTM | Nominal Values |
|-----------------------------------|--------------------------|-------|------------------|
| Density | g/cc | D1505 | 0.96 |
| Tensile Strength @ Yield | psi | D638 | >4,100 |
| Tensile Modulus | psi | D638 | 255,000 |
| Elongation @ Break | % | D638 | >600 |
| Elongation @ Yield | % | D638 | 9.8 |
| Flexural Modulus | psi | D790 | 185,000 |
| Flexural Stress @ 5% Strain | psi | D790 | 3,810 |
| Compressive Properties 10% Strain | psi | D695 | 4,950 |
| Durometer | Shore D | D2240 | 68 |
| Tensile Impact | ft.lbs./in. ² | D1822 | 115 |
| Izod Impact Resistance | ft.lbs./in. ² | D256 | 1.1 |
| Brittleness Temp. | °C (°F) | D746 | <-76°C (<-105°F) |
| Vicat Softening Temp. | °C (°F) | D1525 | 123°C (253°F) |
| Heat Deflection Temp. 66 psi | °C (°F) | D648 | 75°C (167°F) |
| Screw and Nail Withdrawal | lbs | D1761 | 657 & 63 |
| Flammability | Rating | UL94 | HB |

All values are determined on specimens prepared according to ASTM.

Nominal values should not be interpreted as specifications.

King Plasti-Bal® is made entirely from FDA and USDA approved material.

King Plasti-Bal® meet ASTM D4976.



King Plastic Corporation
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where solutions take shape

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