DAKOTA

Partition Products

The Heavy-Duty, Waterproof and Graffiti Resistant Polymer Sheet

King Plasti-Bal® is a custom 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. Please call customer service for King Plasti-Bal® colors, pricing and minimums. Custom designer textures available upon special request.

King Plasti-Bal® is upgradable to King MicroShield® with an advanced antimicrobial 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.

For more information about King MicroShield® and King FlameShield, please visit www.kingplastic.com

KING PLASTI-BAL®

Applications

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

Specifications

Standard Sheet Size
in: 1” x 55.5” x 144”
mm: 25.4 mm x 1409.7 mm x 3657.6 mm

Standard Gauge
in: .950” - .999”
mm: 24.13 mm - 25.4 mm

Approximate Weight
lbs: 270 lbs
kg: 122.5 kg

Tolerance information:

Length and width plus only at room temperature

Custom sheet sizes, gauges, and colors available

Colors

Please call customer service for King Plasti-Bal® colors, pricing and minimums. Custom designer textures available upon special request.

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.

*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.

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.

DAKOTA
PREMIUM HARDWOODS & SO MUCH MORE!

AUSTIN, TX 512-389-9773
DALLAS, TX 972-677-7437
EL PASO, TX 915-590-WOOD (9663)
HOUSTON, TX 713-939-WOOD (9663)
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