



Restroom Partitions, Floor-Mounted with Overhead-Brace

Bradmar® Solid Plastic (HDPE) — Series 400 – Sentinel™

This is the most popular style of partitions. It is attached to the floor and stabilized at the top of the pilaster with anti-grip headrail. Floor-mounted overhead-braced material is recommended for heavy traffic or vandalism-prone areas. It does not require any special floor or ceiling construction, which makes it suitable for new or existing construction. (Partitions must be installed in a climate-controlled environment, away from direct sunlight.)

Construction

Doors, panels and pilasters are constructed from 1" thick High Density Polyethylene (HDPE) resins pressed under high pressure to form a single component. This material is waterproof, non-absorbent and has a self-lubricating surface which resists marks from graffiti. All plastic components are shipped with a self-adhesive coating for protection during installation. Bradmar® is available in a variety of colors.

Panels and Doors

Panels and doors are fabricated 55" high, all edges are rounded to a 3/16" radius. Panels and doors receive an aluminum heat sink strip fastened to the bottom edge which helps dissipate any applied heat. Each door is pre-drilled to receive an integral hinge assembly. The closing position of each hinge is fully adjustable.

Pilasters

Pilasters are secured through the face of the shoe using Torx-head thru-bolts. 5/16" lag screw(s) (provided in shoe kit) can be added to the floor edge of the pilaster for leveling.

Hardware

Mills standard hardware is constructed from 6463-T-5 heavy-duty aluminum. Compartments are provided with all hardware and stainless steel torx head w/pin fasteners to complete installation for applications with concrete floors and masonry block walls.

Door Hardware

Standard integral hinge system consisting of a 1/2" diameter nylon gravity cam unit with a 3/16" stainless steel center pin (bottom) and a 1/2" nylon rod (top). Latches shall be fabricated from heavy-duty extruded aluminum (6463-T-5 alloy). Slide bolt shall have a black anodized finish. Latch is mounted to the door with stainless steel theft-resistant screws. The slide latch does not require a twisting motion and complies with all Federal ADA guidelines. Strike/keeper is 6" long and is fabricated from heavy-duty extruded aluminum (6463-T-5 alloy) with wraparound flanges. Strike/keeper is mounted to the pilaster with thru-bolts.

Coat hooks, door bumpers and door pulls are provided in a Zamac alloy with satin finish. Integral hinge inswing ADA doors are supplied with an individual coat hook with bumper and double door pull. Integral hinge outswing doors are supplied with individual coat hook, door bumper, and double door pull.

Brackets

Continuous brackets are fabricated from heavy-duty aluminum, are 54" long, and are available in single- or double-ear style.

Headrail

Etched and anodized aluminum headrail is extruded with an anti-grip profile. It clamps over the pilaster and is secured at the wall with plastic brackets.

Shoes

Shoes are 1-piece, 4" high, 300 Series stainless steel with #4 satin brushed finished and are secured to the floor with Torx-head screws.



Series 400 – Sentinel™

Standard Selections (Must select one from each category)

Partition Colors

Beige	Gray
Burgundy	Linen
Buttermilk	Starry Night
Canyon Granite	Toffee
Charcoal Gray	100% Post-Consumer Charcoal*
Deep Blue	100% Post-Consumer Toffee*
Desert Stone	100% Pre-Consumer Black

Door Hardware

Aluminum (STD)
Stainless Steel
Stainless Steel w/Antimicrobial (Integral Hinge only)†

Hinges

Integral (STD)	8" Aluminum Wraparound
Continuous Aluminum Spring Loaded Hinge	
Continuous Stainless Steel Spring Loaded Hinge	

Wall Brackets

Continuous – Aluminum (STD)	Continuous – Stainless Steel
Stirrup Style – Aluminum	

Optional Selections

Miscellaneous

Cutouts

Extra Height

69"/72" H Doors and Panels**

* 100% Post-Consumer HDPE may have some minor flaws and the color may be inconsistent.

† Antimicrobial Components: Door Pull and Latch

** ADA stalls will have 69"H doors and panels, 9" AFF. All other stalls in the room will be 72"H/6" AFF to allow for maximum privacy.

Verify all rough-in dimensions prior to installation.

Consult local and national codes. Conformity and compliance to local and national codes is the responsibility of the installer.

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This information is subject to change without notice.

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