



# 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  $\frac{3}{16}$ " 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

Bradley 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  $\frac{1}{2}$ " diameter nylon gravity cam unit with a  $\frac{3}{16}$ " stainless steel center pin (bottom) and a  $\frac{1}{2}$ " 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 in-swing ADA doors are supplied with an individual coat hook with bumper and double door pull. Integral hinge out-swing 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

**NOTE: Click on any swatch to view as a larger image.**

Canyon Granite		Desert Stone	
Charcoal Gray		Starry Night	
Deep Blue			

#### Door Hardware

- Aluminum (STD)
- Stainless Steel

#### Hinges

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

#### Wall Brackets

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

### Optional Selections

#### Miscellaneous

- Cutouts

#### Extra Height

- 69"/72" H Doors and Panels <sup>1</sup>

<sup>1</sup> 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.