



Floor-Mounted Overhead-Braced Restroom Partitions

5WL Textured Stainless Steel — 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.

Construction

Doors and panels consist of two sheet metal faces insulated with a moisture-resistant honeycomb core that is adhered to the inner surface and set under pressure to cure. Pilasters consist of two sheet metal faces insulated with a solid particle board core that is adhered to the inner surface and set under pressure to cure. All are manufactured from 300 Series stainless steel with a 5WL textured finish.

Permaseal™ Edge

Mills is the only manufacturer to offer the Permaseal Edge. Edges are formed to interlock together to provide a tight fit without crown molding.

Panels

Panels are 1" thick, constructed from 22 gauge stainless steel. Corners are welded underneath a clip that is affixed to all corners.

Doors

Doors are 1" thick, constructed from 22 gauge stainless steel. Corners are welded underneath a clip that is affixed to all corners. Each door includes internal 16 and 14 gauge welded reinforcements at the top and bottom hinge locations with a factory installed concealed true gravity cam. The closing position of each hinge is fully adjustable. A pre-punched hole permits field installation of the ADA-compliant concealed slide latch.

Pilasters

Pilasters are 1/4" thick, constructed from 22 gauge stainless steel. The floor end of the pilaster shall be provided with an internally welded 18 gauge bracket(s) that will accept a 5/16" stainless steel hex bolt. The bracket(s) shall connect to stainless steel "L" bracket(s) that are secured to the floor with stainless steel fasteners. The hex bolt(s), which are provided in the shoe kit, can be added to the floor end of the pilaster for leveling.

Hardware

Mills standard hardware is constructed from heavy-duty grade chromed Zamac. Compartments are provided with all hardware and zinc-plated fasteners to complete installation for applications with concrete floors and masonry block walls.

Door Hardware

Wraparound hinges are thru-bolted to the pilasters and the concealed slide latch includes an emergency egress feature. The slide latch does not require a twisting motion and complies with all Federal ADA guidelines. The strike/keeper is surface-mounted. Doors 32" wide or less are provided with a combination coat hook/bumper. Doors 34" wide or 36" wide are provided with an individual coat hook, door bumper and door pulls. Theft-resistant fasteners are supplied with all hardware.

Brackets

Stirrup-type single-ear, double-ear and U-brackets are provided with torx-head fasteners.

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, 304 Series stainless steel with #4 satin brushed finish and are secured to the inside face of the pilaster with stainless steel torx-head fasteners.

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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Optional Selections

Hinges

- Chromed Zamac Wraparound Gravity Hinge (STD)
- Stainless Steel Wraparound Gravity Hinge
- Continuous Aluminum Spring-Loaded Hinge
- Continuous Stainless Steel Spring-Loaded Hinge

Door Hardware

- Chromed Zamac Concealed Slide Latch and Keeper (STD)
- Stainless Steel Concealed Slide Latch and Keeper
- Zamac Surface-Mounted Slide Latch and Keeper
- Stainless Steel Surface-Mounted Slide Latch and Keeper

Brackets

- Chromed Zamac Stirrup Brackets (STD)
- Stainless Steel Stirrup Brackets
- Continuous Stainless Steel Brackets
- Continuous Aluminum Brackets

Miscellaneous

- Grab Bar Reinforcements
- Cutouts
- Solid Particle Board Core (must select doors and/or panels)
 - Doors
 - Panels
- No Site

Corners

- Clipped Corners (STD)
- Welded Corners/Ground Smooth

Extra Height

- 72" H Doors and Panels

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