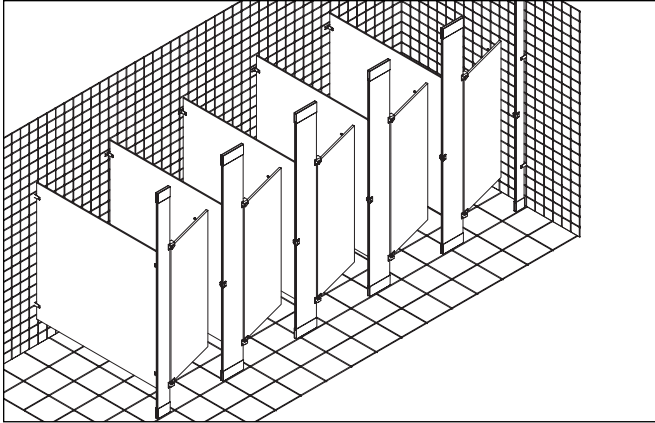


# Phenolic Floor-to-Ceiling Restroom Partitions

## Series 700



### Series 700

This style is mounted to the floor and ceiling and is recommended where additional stability is desired. Applicable for ceiling heights up to 10'. It requires a minimum 3" concrete floor for anchoring.

### Construction

Solid Phenolic core is composed of compressed cellulose fibers impregnated with resins. The surface laminate is fused to the resin-impregnated core. All edges are machined and finished smooth with a 15 degree beveled edge. Material will not delaminate even under extreme conditions. Materials are non-absorbent, impact, and graffiti resistant. Materials are impervious to steam, soaps and detergents and will not mildew.

### Panels

Panels are 1/2" thick, constructed from solid phenolic core.

### Doors

Doors are 3/4" thick, constructed from solid phenolic core.

### Pilasters

Pilasters are 3/4" thick, constructed from solid phenolic core. The floor edge of the pilaster shall be provided with a mechanically fastened 3/8" steel leveling bar. Pilasters are attached to the floor using a lead anchor, 3/8" threaded rod, hex nuts and washers to provide vertical and horizontal adjustment. The ceiling edge of the pilaster shall be connected to the ceiling with a continuous "L"-type bracket. Structural support and drilling are to be provided by others.

### Hardware

Mills standard hardware is constructed from type 304 cast stainless steel with a satin brushed finish. Components are provided with all hardware and stainless steel one-way fasteners to complete an installation on applications with concrete floors and masonry block walls.

The Mills Company reserves the right to make changes in design, material, and documentation without formal notice and without incurring obligation.

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.

### Door Hardware

Wraparound, vaulting-type hinges are thru-bolted to the doors and pilasters. Surface mounted slide latch with "emergency egress" requires no twisting motion and complies with all Federal ADA guidelines. Strike and keeper is thru-bolted. 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 pull. Theft resistant fasteners are supplied with all hardware.

### Brackets

Stirrup-type, single-ear, double-ear and U-brackets are provided.

### Shoes and Sleeves

4-piece shoes and sleeves are 4" high, type 304 stainless steel with #4 satin brushed finish and are secured to the edge of the pilaster with Phillips head fasteners.

### Options

#### Colors

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> White            | <input type="checkbox"/> Black Craquele      | <input type="checkbox"/> Wild Cherry   |
| <input type="checkbox"/> Black            | <input type="checkbox"/> Aqua Blue           | <input type="checkbox"/> Speckle White |
| <input type="checkbox"/> Silver Grey      | <input type="checkbox"/> Aquamarine          | <input type="checkbox"/> Mid Grey      |
| <input type="checkbox"/> Sand             | <input type="checkbox"/> Speckle Heaven Blue |  |
| <input type="checkbox"/> Steel Blue       | <input type="checkbox"/> Silver Maple        |  |
| <input type="checkbox"/> Patina Rusty Red | <input type="checkbox"/> Grit Gray           |  |

#### Hinges

- Stainless Steel Wraparound Vaulting Hinge (STD)
- Continuous Stainless Steel Spring Loaded Hinge

#### Door Hardware

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

#### Brackets

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

#### Miscellaneous

- Cut Outs

**Mills**

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Web Site: <http://www.bradleycorp.com>

## Specifications

### Phenolic Series 700

#### Part 1 – General

##### 1.1 Section Includes

- A. Solid Phenolic Core toilet partitions, hardware and structural accessories.

##### 1.2 Related Sections

- A. Section 10800 – Toilet and Bath Accessories

##### 1.3 Submittals

- A. Shop Drawings: Show layout of toilet partitions.
- B. Product Data: Manufacturer's catalog cuts of typical panel, pilaster, door, hardware and fastenings.
- C. Color Chips: Sample of specified laminate on actual phenolic core chip for color verification.

##### 1.4 Quality Assurance

- A. Components of toilet partitions shall be sourced from one single source manufacturer who certifies that materials meet or exceed specifications.
- B. Installation: Installer shall have a history of completed jobs of similar size and scope, and shall be qualified.

##### 1.5 Delivery, Storage and Handling

- A. Pre-finished materials shall be delivered to the job site in original, unopened cartons or other packaging materials necessary to protect finishes. Materials shall be stored in manufacturer's packaging until installation. Partitions shall be stored in vertical position with adequate support to ensure flatness and to prevent damage to Pre-finished surfaces.

##### 1.6 Project Conditions

- A. Building shall be enclosed and provide complete protection from outside weather. Temperature within building shall be above a minimum of 60°F.

##### 1.7 Warranty

- A. Manufacturer shall provide a 3-year warranty against delamination of panels.
- B. Manufacturer shall provide a lifetime warranty for all stainless steel hardware.

#### Part 2 – Products

##### 2.1 Manufacturer

- A. Provide products manufactured by The Mills Company, subsidiary of Bradley Corp., Menomonee Falls, WI.

##### 2.2 Equipment

- A. Floor-to-Ceiling Series 700 toilet partition system.

##### 2.3 Components

- A. Panels: 1/2" thick panels shall be constructed of solid phenolic core with a high pressure decorative matte surface finish as an integral part of the core material. Panel edges shall be machined and finished smooth with a 15 degree beveled edge.
- B. Doors: 3/4" thick doors shall be constructed from solid phenolic core with a high pressure decorative matte surface finish as an integral part of the core material. Door edges shall be machined and finished smooth with a 15 degree beveled edge.
- C. Pilasters: 3/4" thick pilasters shall be the same construction as panels and doors. The floor edge of the pilaster shall be provided with a mechanically fastened 3/8" steel leveling bar. Pilasters shall be attached to the floor using a lead anchor and 3/8" threaded rod, hex nuts and washers to provide vertical and horizontal adjustment. The ceiling edge of the pilaster shall be connected to the ceiling with a continuous "L"-type bracket.

- D. 4" high, 4-piece shoes and sleeves of type 304 stainless steel shall be secured with Phillips head fasteners.
- E. Hardware: Mills type 304, cast stainless steel with a satin brushed finish hardware and stainless steel one-way fasteners necessary to complete an installation shall be provided.
  - 1. Hinges shall be wraparound and thru-bolted to the pilasters with gravity cams.
  - 2. Surface-mounted slide latch shall provide emergency egress, shall not require any twisting motion and shall be ADA compliant.
  - 3. Strike and Keeper shall be thru-bolted.
  - 4. Coat hooks and wall bumpers shall be provided for in-swing doors. Door pulls shall be added for out-swing doors.
  - 5. Stirrup-type, single-car, double-car and U-brackets shall be provided at appropriate locations.
  - 6. Fasteners for hinges, slide latch and keeper shall be stainless steel with one-way heads.

#### Part 3 – Execution

##### 3.1 Inspection

- A. Before installation, the installer shall inspect the site to insure that no defects or conditions exist which would result in an unsatisfactory installation of the partitions. Measurements should also be taken at this time to further ensure correct installation.

##### 3.2 Installation

- A. Install partitions, screens, dressing compartments and enclosures in accordance with shop drawings and manufacturer's current installation instructions. Leave partitions complete, clean and free from defects in workmanship.
- B. Doors and hardware shall be thoroughly adjusted and left in proper working condition. Set doors in open or closed position as required.
- C. Outswing doors of more than 105° must have a wall or panel to stop door travel. (Note: Failure to follow manufacturer's recommended installation procedures voids warranty.)

##### 3.3 Cleaning

- A. All rubbish and cartons generated by installing contractor shall be removed and area left broom clean.

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