

DIVISION 10 – SPECIALTIES

SECTION 10165

TOILET COMPARTMENTS

PART 1: GENERAL

A. SECTION INCLUDES

1. Headrail braced solid phenolic toilet partitions.
2. Attachment hardware.

B. REFERENCES

1. ANSI A117.1 _ Specifications for Making Buildings and Facilities Accessible to and Usable by the Physically Handicapped.
2. ASTM A167 _ Stainless and Heat_Resisting Chromium_Nickel Steel Plate, Sheet and Strip.
3. Americans with Disabilities Act.

C. SUMMARY

1. This Section includes stock, manufactured toilet compartments.
2. Types of toilet compartments include:
 - a. Solid Phenolic
3. Styles of toilet compartments include:
 - a. Floor-anchored, overhead-braced.
4. Styles of screens include:
 - a. Floor -anchored
5. Urinal privacy panels:
 - a. Wall and floor anchored

D. SUBMITTALS

1. Submit shop drawings under provisions of Section 01001.
2. Submit shop drawings indicating partition layout and dimensions, panel and door sizes, door swings, elevations, anchorage and mounting details, and finishes.
3. Submit product data under provisions of Section 01001.
4. Submit product data for components, hardware, and accessories.
5. Submit samples under provisions of Section 01001.
6. Submit samples illustrating panel colors and patterns.
7. Provide a sample of each type of hardware.
8. Submit manufacturer's installation instructions under provisions of Section 01001.

E. REGULATORY REQUIREMENTS

1. Conform to ANSI A117.1 code and the A.D.A. guidelines for provisions for the physically handicapped.

F. FIELD MEASUREMENTS

1. Verify field measurements are as shown on shop drawings.

PART 2: PRODUCTS

A. MANUFACTURERS

1. General Partition Mfg. Corp.
2. Bradley Corp.
3. Bobrick Washroom Equipment, Inc.
4. Global Partitions
5. Accurate Partitions
6. Substitutions: Under provisions of Section 01001.

B. MATERIALS

1. Plastic solid Phenolic material.
2. Headrail: Anodized extruded aluminum; with cast socket type wall brackets.

C. ACCESSORIES

1. Pilaster Shoe: ASTM A167, Type 304 stainless steel, 3 inch, high with adjustable screw jack.
2. Attachments, Screws, and Bolts: Stainless steel, theft proof type.
3. Through Bolts and Nuts: Stainless steel with tamperproof heads.

D. HARDWARE

1. Continuous hinge runs full height of door. Type 304 satin finish stainless steel; extra heavy duty 16 gauge. Through-bolted to door and stile with 12 theft-resistant, one-way screws fastened into threaded metal inserts.
2. Door latch with shock-resistant nylon track slides into 1" wide keeper formed from one piece 1/8" 11 gauge stainless steel. Keeper withstands vandals from kicking door in and is through-bolted to stile with theft-resistant one-way screws fastened into threaded metal inserts.
3. Vinyl coated door stops resist vandals from kicking door out.
4. U-channels are full height 18 gauge type 304 satin finish stainless steel and secure panels to stiles and walls. Angle brackets available for attachment to irregular wall surfaces.
5. Coat Hook: Stainless steel hook with rubber bumper tip.

E. FABRICATION

1. Design is to be floor mounted and overhead braced.
2. Urinal screens to include minimum 4" wide pilaster at leading edge.
3. Thickness of Partition Stiles and Doors: 1 inch.
4. Thickness of Panels: 1/2 inch.

F. FINISHES

1. Plastic: Color and pattern as selected by Architect from full range of manufacturer's available colors.
2. Stainless Steel Surfaces: No. 4 finish.
3. Exposed Steel Surfaces: Satin chrome plated.

PART 3: EXECUTION

A. EXAMINATION

1. Verify that openings are ready to receive work.
2. Verify field measurements are as shown on shop drawings.
3. Verify correct location of built-in framing, anchorage, bracing, and plumbing fixtures.
4. Beginning of installation means installer accepts existing conditions.

B. ERECTION

1. Erect in accordance with manufacturer's instructions.
2. Install partition components secure, plumb and level.
3. Attach panel brackets securely to walls and floors using appropriate anchor devices.
4. Attach panels and pilasters to brackets with through bolts and nuts. Locate headrail joints at pilaster center line.
5. Provide 1/2 inch space between wall surface and panels or pilasters.
6. Provide for adjustment of floor variations with screw jack through steel saddles integral with pilaster. Conceal floor fastenings with pilaster shoes.
7. Equip each toilet stall door with hinge, and door latch.
8. Install door strike keeper on each pilaster in alignment with door latch.
9. Equip each toilet stall door with one coat hook and bumper.

C. ERECTION TOLERANCES

1. Maximum Variation From Plumb or Level: 1/8 inch.
2. Maximum Misplacement From Intended Position: 1/8 inch.

D. ADJUSTING

1. Adjust work.
2. Adjust and align door hardware to uniform clearance at vertical edges of doors. Clearance space not to exceed 3/16 inch.
3. Adjust door hinges so that free movement is attained and will locate in-swinging doors in partial open position when unlatched. Return out-swinging doors to closed position.

E. CLEANING

1. Clean work under provisions of Section 01001.
2. Remove protective coverings.
3. Clean surfaces and hardware.

F. PROTECTION OF FINISHED WORK

1. Protect finished installation under provisions of Section 01001.
2. Field touch-up of finished surfaces will not be permitted. Replace damaged components.

END OF SECTION 10165