

**SECTION 10 21 13  
TOILET COMPARTMENTS**

**PART 1 - GENERAL**

**1.1 DESCRIPTION**

This section specifies metal toilet partitions and urinal screens.

**1.2 RELATED WORK**

- A. Overhead structural steel supports for ceiling hung pilasters: Section 05 50 00, METAL FABRICATIONS.
- B. Color of baked enamel finish: Section 09 06 00, SCHEDULE FOR FINISHES.
- C. Grab bars and toilet tissue holders: Section 10 28 00, TOILET ACCESSORIES.

**1.3 SUBMITTALS**

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.
- B. Samples: Prime coat of paint on 150 mm (six-inch) square of metal panel with baked enamel finish coat over half of panel.
- C. Manufacturer's Literature and Data: Specified items indicating all hardware and fittings, material, finish, and latching.
- D. Shop Drawings: Construction details at 1/2 scale, showing installation details, anchoring and leveling devices.
- E. Manufacturer's certificate, attesting that zinc-coatings conform to specified requirements.

**1.4 APPLICABLE PUBLICATIONS**

- A. Publications listed below form a part of this specification to the extent referenced. Publications are referenced in the text by the basic designation only.
- B. Federal Specifications (Fed. Spec.):  
FF-B-575C.....Bolt, Hexagon and Square
- C. Code of Federal Regulations (CFR):  
40 CFR 247.....Comprehensive Procurement Guidelines for  
Products Containing Recovered Materials
- D. Commercial Item Descriptions (CID):  
A-A-1925.....Shield, Expansion (Nail Anchors)  
A-A-60003.....Partitions, Toilet, Complete

**PART 2 - PRODUCTS**

**2.1 FABRICATION**

- A. Conform to Fed. CID A-A-60003, except as modified herein.
- B. Fabricate to dimensions shown or specified.

- C. To establish an acceptable level of quality for the toilet compartments and urinal screens, the following manufacturers are listed as approved manufacturers for the purpose of identifying manufacturers that provide work and materials generally complying with these specifications. Their selection for this work does not relieve them from performing the work as specified.
1. Bradley Corporation.
  2. Global Steel Products Corp.
  3. Knickerbocker Partitions Corp.
  4. Metpar Corp.
  5. Or Approved Equal.
- D. Available Products / Manufacturer: Subject to compliance with requirements, products / manufacturer that may be incorporated into the Work include, but are not limited to, the products / manufacturer specified (**BASIS-OF-DESIGN PRODUCTS**):
1. Manufacturer: Metpar Corp.
  2. Description:
    - a. Toilet Partitions: Overhead Braced Powder Coated Baked Enamel Panels.
    - b. Urinal Screens: Wall Hung Stainless Steel Urinal Screen
  3. Finish Color:
    - a. Toilet Partitions: #715 Platinum.
    - b. Urinal Screens: Stainless Steel.
- E. Toilet Enclosures:
1. Type 1, C (overhead braced).
  2. Reinforce panels shown to receive toilet tissue holders or grab bars.
  3. Upper pivots and lower hinges adjustable to hold doors open 30 degrees.
  4. Latching devices and hinges for handicap compartments shall comply with ADA requirements.
  5. Keeper:
    - a. U-slot to engage bar of throw latch.
    - b. Combined with rubber bumper stop.
  6. Wheelchair Toilets:
    - a. Upper pivots and lower hinges to hold out swinging doors in closed position.
    - b. Provide U-type doors pulls, approximately 100 mm (four inches) long on pull side.

7. Finish:

- a. Finish 1 (baked enamel) on steel doors, pilasters, and enclosure panels except those adjacent to urinals and as specified.

F. Urinal Screens:

1. Type III, Style D (wall hung), finish 3, and (stainless steel).
  - a. With integral flanges and continuous, full height wall anchor plate.
  - b. Option: Full height U-Type bracket.
  - c. Wall anchor plate drilled for 4 anchors on both sides of screen.
2. Screen 600 mm (24 inches) wide and 1060 mm (42 inches high).

**2.2 FASTENERS**

- A. Partition Fasteners: CID A-A-60003.
- B. Use toggle bolts, CID A-A-60003, for anchoring to hollow masonry or stud framed walls.
- C. Use steel bolts FS-B-575, for anchoring pilasters to overhead steel supports.

**PART 3 - EXECUTION**

**3.1 INSTALLATION**

A. General:

1. Install in rigid manner, straight, plumb and with all horizontal lines level.
2. Conceal evidence of drilling, cutting and fitting in finish work.
3. Use hex-bolts for through-bolting.
4. Adjust hardware and leave in freely working order.
5. Clean finished surfaces and leave free of imperfections.

B. Panels and Pilasters:

1. Support panels, except urinal screens, and pilaster abutting building walls near top and bottom by stirrup supports secured to partitions with through-bolts.
2. Secure stirrups to walls with two suitable anchoring devices for each stirrup.
3. Secure panels to faces of pilaster near top and bottom with stirrup supports, through-bolted to panels and machine screwed to each pilaster.
4. Secure edges of panels to edges of pilasters near top and bottom with "U" shaped brackets.
5. Where overhead braced, secure pilasters to building walls by headrails clamped on or set into top of each pilaster.
  - a. Secure clamps to pilasters with two through-bolts to each clamp.

- b. When headrails are set into pilasters, through-bolt them to the pilasters.
  - c. Support headrails on wall flange fittings secured to building walls with minimum of two anchor bolts to each flange fitting.
- C. Urinal Screens:
- 1. Anchor urinal screen flange to walls with minimum of four bolts both side of panel.
  - 2. Space anchors at top and bottom and equally in between.

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