

**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, BATH, AND LAUNDRY 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 TOILET PARTITIONS:**

- A. Water resistant; graffiti resistant; non-absorbent
- B. Conform to Fed. CID A-A-60003, except as modified herein.

- C. Fabricate to dimensions shown or specified.
- D. Toilet Enclosures:
  - 1. Type 1, Style B (Ceiling hung).
  - 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.
    - b. Finish 3 (stainless steel) on panel of enclosure panels adjacent to urinals.
- E. Urinal Screens:
  - 1. Type III, Style E (wall hung), finish 2 or 3.
    - 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 expansion bolts, CID A-A-60003, for anchoring to solid masonry or concrete.
- C. Use toggle bolts, CID A-A-60003, for anchoring to hollow masonry or stud framed walls.
- D. 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.

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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