
SECTION 10 21 13.19
PLASTIC TOILET COMPARTMENTS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Solid plastic toilet compartments.
- B. Urinal screens.

1.2 RELATED REQUIREMENTS

- A. Section 06 10 00 - Rough Carpentry: Blocking and supports.
- B. Section 10 28 00 - Toilet, Bath, and Laundry Accessories.

1.3 REFERENCE STANDARDS

- A. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.
- B. NFPA 286 - Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth; 2015.

1.4 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings: Indicate partition plan, elevation views, dimensions, details of wall supports, door swings.
- C. Product Data: Provide data on panel construction, hardware, and accessories.
- D. Samples: Submit two samples of partition panels, 4 inch by 4 inch in size illustrating panel finish, color, and sheen.
- E. Manufacturer's Installation Instructions: Indicate special procedures.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Basis of Design - Solid Plastic Toilet Compartments: Scranton Products (Santana/Comtec/Capital); Hiny Hiders: www.scrantonproducts.com or comparable product by one of the following:
 - 1. Ampco Products, Inc: www.ampco.com.
 - 2. Metpar Corp: www.metpar.com.
 - 3. Substitutions: Section 01 60 00 - Product Requirements.

2.2 SOLID PLASTIC TOILET COMPARTMENTS

- A. Toilet Compartments: Factory fabricated doors, pilasters, and divider panels made of solid molded high density polyethylene (HDPE), tested in accordance with NFPA 286, floor-mounted headrail-braced.
 - 1. Colors: As selected by Architect from manufacturer's full color range, allow for two different colors.
- B. Doors:
 - 1. Thickness: 1 inch.
 - 2. Width: 24 inch.
 - 3. Width for Handicapped Use: 36 inch, out-swinging or in-swinging as indicated on drawings.
 - 4. Height: 55 inch.

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- C. Panels:
 - 1. Thickness: 1 inch.
 - 2. Height: 55 inch.
 - 3. Depth: As indicated on drawings.
 - D. Pilasters:
 - 1. Thickness: 1 inch.
 - 2. Width: As required to fit space; minimum 3 inch.
 - 3. Height: 82 inch.
 - E. Screens: Without doors; to match compartments; mounted to wall with two panel brackets.

2.3 ACCESSORIES

- A. Pilaster Sleeves: 3 inches high, [one-piece molded HDPE,] [20 gage stainless steel,] secured to pilaster with stainless steel tamper resistant Torx head sex bolt.
- B. Wall Brackets: 54 inches long, [Extruded PVC,] [heavy-duty aluminum, bright dip anodized finish,] fastened to pilasters and panels with stainless steel tamper resistant Torx head sex bolts.
- C. Headrail: Heavy-duty extruded aluminum, anti-grip design, clear anodized finish, fastened to headrail bracket with stainless steel tamper resistant Torx head sex bolt and at top of pilaster with stainless steel tamper resistant Torx head screws.
- D. Headrail Brackets: 20 gage stainless steel, satin finish, secured to wall with stainless steel tamper resistant Torx head screws.
- E. Attachments, Screws, and Bolts: Stainless steel, tamper proof type.
- F. Hardware:
 - 1. Hinges:
 - a. 8 inches long, fabricated from heavy-duty extruded aluminum with bright dip anodized finish, wrap-around flanges, adjustable on 30-degree increments, through bolted to doors and pilasters with stainless steel, Torx head sex bolts
 - b. Hinges operate on field-adjustable nylon cams, field adjustable in 30 degree increments.
 - 2. Door Latch:
 - a. Heavy-duty extruded aluminum.
 - b. Latch housing: Bright dip anodized finish.
 - c. Slide latch and paddle.
 - 3. Door Strike and Keeper:
 - a. 6 inches long, fabricate from heavy-duty extruded aluminum with bright dip anodized finish, with wrap-around flanges secured to pilasters with stainless steel tamper resistant Torx head sex bolts.
 - b. Bumper: Extruded black vinyl.
 - 4. Coat Hook and rubber Bumper; one per compartment, mounted on door.
 - a. Combination type, chrome plated Zamak.
 - b. Equip outswing handicapped doors with second door pull and door stop.
 - 5. Door Pulls: Chrome plated Zamak .

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that field measurements are as indicated.

1. Verify correct spacing of and between plumbing fixtures.
 - a. Verify correct location of built-in framing, anchorage, and bracing.

3.2 INSTALLATION

- A. Install partitions secure, rigid, plumb, and level in accordance with manufacturer's instructions.
 1. Maintain 3/8 inch space between wall and panels and between wall and end pilasters.
 2. Attach panel brackets securely to walls using anchor devices.
 3. Attach panels and pilasters to brackets. Locate head rail joints at pilaster center lines.
 4. Field touch-up of scratches or damaged finish will not be permitted. Replace damaged or scratched materials with new materials.

3.3 TOLERANCES

- A. Maximum Variation From True Position: 1/4 inch.
- B. Maximum Variation From Plumb: 1/8 inch.

3.4 ADJUSTING

- A. Adjust and align hardware to uniform clearance at vertical edge of doors, not exceeding 3/16 inch.
- B. Adjust hinges to position doors in partial opening position when unlatched. Return out-swinging doors to closed position.
- C. Adjust adjacent components for consistency of line or plane.

END OF SECTION 10 21 13.19