

## **SECTION 102113.19 - PLASTIC TOILET COMPARTMENTS**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

- A. Section includes solid-plastic toilet compartments configured as toilet enclosures, shower enclosures and urinal screens, floor to ceiling anchored.

#### **1.2 ACTION SUBMITTALS**

- A. Product Data: For each type of product.
- B. Shop Drawings: For toilet compartments. Include plans, elevations, sections, details, and attachment details.
- C. Samples for each type of toilet compartment material indicated.

#### **1.3 INFORMATIONAL SUBMITTALS**

- A. Product certificates.

#### **1.4 CLOSEOUT SUBMITTALS**

- A. Maintenance data.
- B. Furnish extra materials that match and are from same production runs as products installed and that are packaged with protective covering for storage and identified with labels describing contents.
  - 1. Hardware: 1 complete set of hardware to sufficient to replace the hardware on 1 stall.

#### **1.5 CLOSEOUT SUBMITTALS**

- A. Maintenance data.

## 1.6 WARRANTY

- A. Manufacturer guarantees its plastic against breakage, corrosion, and delamination under normal conditions for 25 years from the date of Substantial Completion. If materials are found to be defective during that period for reasons listed above, the materials will be replaced free of charge (Labor not included in warranty).

## PART 2 - PRODUCTS

### 2.1 PERFORMANCE REQUIREMENTS

- A. Surface-Burning Characteristics: Comply with ASTM E 84; testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
  - 1. Flame-Spread Index: 75 or less.
  - 2. Smoke-Developed Index: 450 or less.
- B. Regulatory Requirements: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines for Buildings and Facilities and ICC A117.1 for toilet compartments designated as accessible.

### 2.2 SOLID-PLASTIC (HDPE) TOILET COMPARTMENTS

- 1. Products: Subject to compliance with requirements, provide one of the following:
  - a. ASI-Global Partitions
  - b. An approved equal
- B. Toilet and Shower-Enclosure Style: Floor to Ceiling Anchored
- C. Urinal-Screen Style: Wall hung.
- D. Door, Panel and Pilaster Construction: Solid, high-density polyethylene (HDPE) panel material, not less than 1 inch thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material.
  - 1. Integral Hinges: Configure doors and pilasters to receive integral hinges.
  - 2. Heat-Sink Strip: Manufacturer's standard continuous, extruded-aluminum or stainless-steel strip fastened to exposed bottom edges of solid-plastic components to hinder malicious combustion.
  - 3. Color and Pattern: As selected by Architect from manufacturer's full range.
- E. Pilaster Shoes and Sleeves: Manufacturer's standard design; stainless steel.
- F. Brackets (Fittings):

1. Full-Height (Continuous) Type: Manufacturer's standard design; stainless steel.

## 2.3 HARDWARE AND ACCESSORIES

- A. Hardware and Accessories: Manufacturer's standard operating hardware and accessories.
  1. Material: Stainless steel
  2. Provide units that comply with regulatory requirements for accessibility at compartments designated as accessible.
    - a. Hinge: Heavy duty diecast (vault), gravity-acting cam
    - b. Manufacturer's standard slide latch, door stop and keeper, cat hook and bumper.
- B. Overhead Bracing: Ceiling Hung Pilasters.
- C. Anchorages and Fasteners: Manufacturer's standard exposed fasteners of stainless steel, finished to match the items they are securing, with theft-resistant-type heads. Provide sex-type bolts for through-bolt applications. For concealed anchors, use stainless-steel, hot-dip galvanized-steel, or other rust-resistant, protective-coated steel compatible with related materials.

## 2.4 FABRICATION

- A. Fabrication, General: Fabricate compartment components and urinal screens to sizes indicated. Coordinate requirements and provide cutouts for through-partition toilet accessories where required for attachment of toilet accessories.
- B. Floor-Ceiling Units: Provide manufacturer's standard corrosion-resistant supports, leveling mechanism, and anchors at pilasters to suit ceiling and floor conditions. Provide shoes at pilasters to conceal supports and leveling mechanism.
- C. Urinal-Screens: Provide manufacturer's standard corrosion-resistant continuous mounting brackets, panel leg and wall anchoring assemblies.
- D. Door Size and Swings: Unless otherwise indicated, provide 24-inch-wide, in-swinging doors for standard toilet compartments and 36-inch- wide, out-swinging doors with a minimum 32-inch-wide, clear opening for compartments designated as accessible.

## PART 3 - EXECUTION

### 3.1 INSTALLATION

- A. General: Comply with manufacturer's written installation instructions. Install units rigid, straight, level, and plumb. Secure units in position with manufacturer's recommended anchoring devices.

1. Maximum Clearances:
  - a. Pilasters and Panels: 1/2 inch.
  - b. Panels and Walls: 1 inch.
  - c. Align brackets at pilasters with brackets at walls.
2. Full-Height (Continuous) Brackets: Secure panels to walls and to pilasters with full-height brackets.
  - a. Locate bracket fasteners so holes for wall anchors occur in masonry or tile joints.
  - b. Align brackets at pilasters with brackets at walls.

### 3.2 ADJUSTING

- A. Hardware Adjustment: Adjust and lubricate hardware according to hardware manufacturer's written instructions for proper operation. Set hinges on in-swinging doors to hold doors open approximately 30 degrees from closed position when unlatched. Set hinges on out-swinging doors to return doors to fully closed position.

END OF SECTION 102113.19

## **SECTION 102800 – TOILET AND BATH ACCESSORIES**

### **PART 1 - GENERAL**

#### **1.1 SUMMARY**

**A. Section Includes:**

1. Washroom accessories.
2. Shower room accessories.
3. Childcare accessories.
4. Under lavatory guards.

#### **1.2 ACTION SUBMITTALS**

- A. Product Data:** For each type of product.
- B. Samples:** Full size, for items designated by Architect for submission.

#### **1.3 INFORMATIONAL SUBMITTALS**

- A. Sample warranty.**

#### **1.4 CLOSEOUT SUBMITTALS**

- A. Maintenance data.**

#### **1.5 WARRANTY**

- A. Manufacturer's Special Warranty for Mirrors:** Manufacturer agrees to repair or replace mirrors that fail in materials or workmanship within specified warranty period.
1. Warranty Period: 15 years from date of Substantial Completion.

## **PART 2 - PRODUCTS**

### **2.1 SEE SCHEDULES ON THE DRAWINGS FOR WASHROOM AND SHOWER ROOM SELECTIONS**

### **2.2 PUBLIC-USE WASHROOM AND SHOWER ROOM ACCESSORIES**

#### **A. Manufacturers: Basis-of-Design Products. Provide products by the following.**

1. ASI (American Specialties. Inc.)
2. Bobrick
3. An approved equal

### **2.3 CHILDCARE ACCESSORIES (DIAPER CHANGING STATION)**

#### **A. Manufacturers: Basis-of-Design Products. Provide products by the following.**

1. ASI (American Specialties. Inc.)
2. An approved equal

### **2.4 UNDERLAVATORY GUARDS**

#### **A. Manufacturers: Basis-of-Design Products. Provide products by the following.**

1. Truebro-Lav Guard
2. An approved equal

### **2.5 FABRICATION**

#### **A. Keys: Provide universal keys for internal access to accessories for servicing and resupplying. Provide minimum of six keys to Owner's representative.**

## **PART 3 - EXECUTION**

### **3.1 INSTALLATION**

- A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.
- B. Grab Bars: Install to withstand a downward load of at least 250 lbf , when tested according to ASTM F 446.

END OF SECTION 102800