

**SECTION 10 21 13.19  
PLASTIC TOILET COMPARTMENTS**

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Plastic toilet compartment partitions for following applications:
  - a. Toilet enclosures.
  - b. Urinal screens.

1.2 ACTION SUBMITTALS

- A. Shop Drawings: Include overall product dimensions, floor plan, elevations, sections, details, and attachments to other work. Include choice of options with details.

1.3 CLOSEOUT SUBMITTALS

- A. Maintenance and cleaning instructions.

1.4 QUALITY ASSURANCE

- A. Surface-Burning Characteristics: As determined by testing identical products according to ASTM E 84 by qualified testing agency. Identify products with appropriate markings of applicable testing agency.
1. Flame-Spread Index: Not greater than 200.
  2. Smoke-Developed Index: 450.

1.5 WARRANTY

- A. Special Manufacturer's Warranty: Provide manufacturer's standard form in which manufacturer agrees to repair or replace products that fail in materials or workmanship during the following period after substantial completion:
1. Plastic Toilet Partitions: Against corrosion, breakage, and delamination: 15 years.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Manufacturer: Subject to compliance with requirements, provide products of **Bradley Corporation, The Mills Company, Menomonee Falls, WI 53051.**
1. Contact Information: (800)272-3539, fax (262)251-5817; Email [info@BradleyCorp.com](mailto:info@BradleyCorp.com); Website [www.bradleycorp.com](http://www.bradleycorp.com).

## 2.2 MATERIALS

- A. Plastic Panels: High density polyethylene (HDPE) suitable for exposed applications, waterproof, non-absorbent, and graffiti-resistant textured surface.
  - 1. Provide panels with minimum 30 percent pre-consumer recycled content.
- B. Zinc Aluminum Magnesium and Copper Alloy (Zamac): ASTM B 86.
- C. Stainless Steel Sheet: ASTM A 240 or A 666, 300 series.
- D. Stainless Steel Castings: ASTM A 743/A 743M.
- E. Aluminum: ASTM B 221.

## 2.3 PLASTIC TOILET COMPARTMENTS

- A. Toilet Compartment Type:
  - 1. Overhead braced.
    - a. Basis of Design Product: **Bradley, Mills Partitions, Sentinel, Series 400.**
- B. Urinal Screen Style:
  - 1. Wall hung with brackets:
    - a. Basis of Design Product: **Bradley, Mills Partitions.**
- C. Door, Panel, and Pilaster Construction, General: HDPE, with a 3/16" radiused edge.
  - 1. Provide exposed surfaces free of pitting, visible seams and fabrication marks, stains, or other imperfections.
  - 2. Provide aluminum heat sink at bottom edge of panels and doors.
  - 3. Provide no-sightline system.
- D. Door Construction: 1 inch thick.
- E. Panel Construction: 1 inch thick.
- F. Pilaster Construction: 1 inch thick.
- G. Headrail: Extruded anodized aluminum headrail with anti-grip profile. Clamps around pilaster and is secured to the wall with stainless steel brackets.
- H. Shoes: 4 inches high minimum, 300 series stainless steel with No. 4 satin brushed finish.
- I. Urinal-Screen Construction: Matching toilet compartment panel construction
- J. Brackets (Fittings):
  - 1. Full-Height (Continuous) Type: Manufacturer's standard design; stainless steel.

## 2.4 HARDWARE

- A. Hardware, Standard Duty: Manufacturer's standard 6463-T-5 aluminum, including stainless steel tamper-resistant fasteners:
  - 1. Hinges: Self-closing integral, nylon, gravity-type adjustable to hold doors open at any angle up to 90 degrees, with emergency access by lifting door.
  - 2. Latch and Keeper: Surface-mounted slide latch with flat rubber-faced combination door strike and keeper, meeting requirements for accessibility at accessible compartments.
  - 3. Coat Hook: Combination hook and rubber-tipped stop, sized to prevent door from hitting compartment-mounted accessories. Provide wall bumper where door abuts wall. Provide formed L-shaped hook without stop at outswing doors.
  - 4. Door Pull: Standard unit on outside of inswing doors. Provide pulls on both sides of outswing doors.

## 2.5 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.
- B. Install toilet partitions and screens in spaces with operating, temperature controlled HVAC systems. Shield partitions and screens from direct sunlight.

## 2.6 FINAL CLEANING

- A. Remove packaging and construction debris and legally dispose of off-site.

END OF SECTION