

## SECTION 10155

### TOILET PARTITIONS

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Euroline High Pressure Plastic Laminate Toilet Compartments.

##### 1.2 RELATED SECTIONS

- A. Section 10800 - Toilet, Bath, and Laundry Accessories.

##### 1.3 REFERENCES

- A. ANSI/ICC A117.1 - Accessible and Usable Buildings and Facilities.
- B. ASTM A 167 - Standard Specification for Stainless and Heat Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
- C. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials.
- D. NEMA LD 3 - High Pressure Decorative Laminates.

##### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's product data for materials, fabrication, and installation including catalog cuts of anchors, hardware, fastenings, and accessories in addition to:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. Shop Drawings:
  - 1. Provide shop drawings for fabrication and installation of compartment assemblies that are not fully described by architectural drawings.
  - 2. Provide template layouts and installation instructions for anchorage devices built into other work.
- D. Selection Samples: Submit manufacturer's standard color selector. Two color chips of selected color will be sent for color verification purposes.
- E. Verification Samples: Available minimum size 4 inches (150 mm) square samples representing the finished product are available upon request.

##### 1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 10 years manufacturing toilet partitions.
- B. Installer Qualifications: Minimum 2 years experience installing toilet partitions.

#### 1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

#### 1.7 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits. Manufacturer's storage and handling instruction shall be reviewed and maintained.
- B. Field Measurements: Take field measurements prior to component fabrication to ensure proper fitting of work.
- C. Coordination: Furnish inserts and anchorages that will be built into other work for installation of toilet compartments and related items.

### PART 2 PRODUCTS

#### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Ampco Products, LLC □□ Web: <http://www.ampco.com>  
Miami, Florida (Headquarters): 11400 N. W. 36th Ave., Miami, FL 33167  
 Tel: (305) 821-5700 □ Fax: (305) 507-1414 □  
 Email: [info@ampco.com](mailto:info@ampco.com)  
Auburn, Washington: 4520 B Street NW Suite B, Auburn, WA 98001  
 Tel: (253) 852-5900 □ Fax: (253) 856-2859  
 Email: [Washington@ampco.com](mailto:Washington@ampco.com)  
Sanger, Texas: 201 Railroad Avenue, Sanger, TX 76266  
 Tel: (940) 458-7401 □ Fax: (940) 458-5307  
 Email: [Texas@ampco.com](mailto:Texas@ampco.com)
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

#### 2.2 COMPARTMENTS AND SCREENS

- A. General: Doors, panels, screens, and pilasters assembled into complete compartment system, with cutouts and drilled holes to receive hardware as indicated; processed and fabricated in a craftsmanlike manner; complying with ANSI/ICC A117.1, Americans with Disabilities Act (ADA), and as follows:
- B. Toilet Compartments: Classic, Euroline.
  - 1. Compartment Depth and Width: As indicated on drawings. Maximum depth: 60 inches.
  - 2. Door Opening Width: 24 inches (610 mm), minimum; at wheelchair accessible compartments, door openings: 32 inches (813 mm), inside clear minimum.

3. Doors, Panels, and Pilasters:
    - a. Top at 78 inches (1981 mm) above finished floor.
    - b. Bottom at 6 inches (152 mm) above finished floor.
  4. Pilaster Width: As required to fit space; minimum 4 inches (76 mm).
  5. No sight gaps on hinge side or lock side of door.
  6. All fasteners and reinforcing concealed from view from outside compartment.
  7. Pedestal fastened to floor with concealed anchors.
- C. Modesty Panels: Wall and Floor Supported
1. Style: Floor mounted pilaster.
  2. Style: Floor to ceiling pilaster.
  3. Depth: As indicated on drawings.
  4. Height: Top at 70 inches (1778 mm) and bottom at 12 inches (305 mm) above finished floor.
  5. Other dimensions same as toilet compartments.
- D. Urinal Screens:
1. Style: Wall mounted.
  2. Style: Pilaster supported.
  3. Style: Floor leg integral with panel.
  4. Depth: 12 inches (305 mm).
  5. Depth: 18 inches (457 mm).
  6. Depth: 24 inches (610 mm).
  7. Height: Top at 60 inches (1524 mm) and bottom at 18 inches (458 mm) above finished floor.
- E. Toilet Compartments: Metro, Euroline.
1. Compartment Depth and Width: As indicated on drawings. Maximum depth: 60 inches.
  2. Door Opening Width: 24 inches (610 mm), minimum; at wheelchair accessible compartments, door opening 32 inches (813 mm), inside clear minimum.
  3. Doors, Panels, and Pilasters:
    - a. Top at 78 inches (1981 mm) above finished floor.
    - b. Bottom at 6 inches (152 mm) above finished floor.
  4. Pilaster Width: As required to fit space; minimum 3 inches (76 mm).
  5. No sight gaps on hinge side or lock side of door.
  6. All fasteners and reinforcing concealed from view from outside compartment.
  7. Pedestal fastened to floor with concealed anchors.
- F. Modesty Panels: Wall and Floor Supported
1. Style: Floor mounted pilaster.
  2. Style: Floor to ceiling pilaster.
  3. Depth: As indicated on drawings.
  4. Height: Top at 70 inches (1778 mm) and bottom at 12 inches (305 mm) above finished floor.
  5. Other dimensions same as toilet compartments.
- G. Urinal Screens:
1. Style: Wall mounted.
  2. Style: Pilaster supported.
  3. Style: Floor leg integral with panel.
  4. Depth: 12 inches (305 mm).
  5. Depth: 18 inches (457 mm).
  6. Depth: 24 inches (610 mm).

7. Height: Top at 60 inches (1524 mm) and bottom at 18 inches (458 mm) above finished floor.

## 2.3 HIGH PRESSURE DECORATIVE LAMINATE COMPONENTS

- A. High pressure plastic laminate surface complying with NEMA LD 3, Grade GP 50, 0.050 inch (1.27 mm) nominal thickness.
  1. Particleboard: 45 pcf (720 kg/cm<sup>3</sup>) density particleboard cores, bonded with polyvinyl acetate adhesive.
  2. Color: \_\_\_\_\_.
  3. Door Thickness: 7/8 inches (22 mm)
  4. Pilaster Thickness: 7/8 inches (22 mm)
  5. Panel Thickness: 7/8 inches (22 mm)
  6. Thickness with Marine Grade Plywood Core: 7/8 inches (22 mm) doors, panels and screens.
  
- B. Fabrication:
  1. Furnish standard doors, panels, screens and stiles fabricated for compartment system. Furnish units with cutouts and drilled holes to receive compartment hardware as indicated.
  2. High Pressure Plastic Laminate: One-piece seamless face sheets shall be pressure laminated to core material. Edges shall be applied prior to face sheets. Woodgrain panels over 60 inches (1524 mm) deep require seaming.
  
- C. Hardware Set Classic:
  1. Material: powder coated stainless steel finished aluminum material.
  2. Hinges: Fully adjustable self-positioning.
  3. Brackets: 3 "U" BKY, 3 "L"
  4. Latch and Keeper/Indicator Bolt: Slide bar on interior with exterior indicator to indicate occupancy.
  5. Coat Hook Bumper: Wall bumper and garment hook on interior of door, panel or wall with rubber bumper.
  6. Door Pull:
  7. Exposed Fasteners: Chrome plated steel or stainless steel.
  8. Pedestals: One adjustable height pedestal per side panel of compartment, with ground clearance of 5-1/5 inches (140 mm) to 6-11/16 inches (170 mm).
  
- D. Hardware Set Metro:
  1. Material: powder coated stainless steel finished aluminum material.
  2. Hinges: Fully adjustable self-positioning.
  3. Brackets: 3 "U", 3 "L" at wall.
  4. Latch and Keeper/Indicator Bolt: Slide bar on interior with exterior indicator to indicate occupancy; also provide door bumper.
  5. Coat Hook: Wall bumper and garment hook on interior of door with rubber bumper.
  6. Door Pull:
  7. Exposed Fasteners: Chrome plated steel or stainless steel.
  8. Pedestals: One adjustable height pedestal per side panel of compartment, with ground clearance of 5-1/5 inches (140 mm) to 6-11/16 inches (170 mm).

## 2.4 ACCESSORY MATERIALS

- A. Overhead Bracing: Continuous extruded aluminum, angle.

### PART 3 EXECUTION

#### 3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

#### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

#### 3.3 INSTALLATION

- A. General: Install in accordance with manufacturer's instructions.
  1. Install compartment unit's rigid, straight, plumb and level.
  2. Provide clearance of not more than 1/2 inch (12 mm) between stiles and panels and not more than 1 inch (25 mm) between panels and walls.
  3. Secure panels to walls with not less than two brackets attached near top and bottom of panel.
  4. Locate wall brackets so holes for wall anchorages occur in masonry or tile joints.
  5. Secure panels to stiles with not less than two brackets located to align with brackets at wall.
  6. Secure panels in position with manufacturer's recommended anchoring devices.
  7. Level, plumb, and tighten installation with devices furnished.
- B. EuroLine Compartments:
  1. Install compartment units rigid, straight, plumb and level.
  2. Provide clearance of not more than 1/4 inch (6 mm) between pilasters and panels and not more than 3/8 inch (10 mm) between panels and walls.
  3. Secure panels to walls with three stirrup brackets.
  4. Secure panels to pilasters with three stirrup brackets to align with stirrup brackets at wall.
  5. Secure pedestals to floor and level, plumb, and tighten installation with devices furnished.
  6. Secure overhead brace to each pilaster.
  7. For screens: set units to provide support and to resist lateral impact.
- C. Hardware Adjustment: Adjust and lubricate hardware for proper operation. Set hinges on inswing doors to hold open approximately 30 degrees from closed position when unlatched. Set hinges on out-swing doors (and entrance swing doors) to return to fully closed position.

#### 3.4 ADJUSTING AND CLEANING

- A. Hardware Adjustment: Adjust and lubricate hardware for proper operation. Set hinges on in-swing doors to hold open approximately 30 degrees from closed position when unlatched. Set hinges on out-swing doors (and entrance swing doors) to return to fully closed position.
- B. Clean and Protect: Clean exposed surfaces of compartment systems using materials and methods recommended by manufacturer, and provide protection as necessary to prevent damage during remainder of construction period.

- END OF SECTION -