

SECTION 10155

TOILET PARTITIONS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Euroline Metro Solid Surface Toilet Compartments

1.2 RELATED SECTIONS

- A. Section 05120 - Structural Steel: Supports for ceiling hung compartments.
- B. 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: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns. Submit manufacturer's standard color selector.
- E. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5 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
Auburn, Washington: 4520 B Street NW Suite B, Auburn, WA 98001
Tel: (253) 852-5900 □ Fax: (253) 856-2859
Email: Washington@ampco.com
Sanger, Texas: 201 Railroad Avenue, Sanger, TX 76266
Tel: (940) 458-7401 □ Fax: (940) 458-5307
Email: 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: Metro, Euroline.
 - 1. Compartment Depth and Width: As indicated on drawings.

2. Door Width: 24 inches (610 mm), minimum; at wheelchair accessible compartments, 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.
- C. Urinal Screens:
1. Style: Floor leg integral with panel.
 2. Style: Pilaster supported.
 3. Style: Wall mounted.
 4. Depth: 12 inches (305 mm).
 5. Depth: 18 inches (457 mm).
 6. Depth: 24 inches (610 mm).
 7. Height: Top at 70 inches (1778 mm) and bottom at 12 inches (305 mm) above finished floor.
 8. Height: Top at 60 inches (1524 mm) and bottom at 18 inches (458 mm) above finished floor.

2.3 SOLID SURFACE MATERIAL COMPONENTS

- A. Doors, Panels, and Pilasters: Polyester and/or acrylic non-porous solid surfacing material with aluminum trihydrate filler, impervious to water, moisture, and heat; matte finish; joints tightly bonded minimizing visible seams; edges polished, chamfered and free of milling marks.
1. Acceptable Panel Products: Formica Solid Surface; Wilsonart Gibraltar; Corian; Vendura Solid Surfacing or Avonite.
 2. Material: Flame spread index of 25, maximum; smoke developed index of 100, maximum; when tested in accordance with ASTM E 84 (Class A).
 3. Color: To be selected from manufacturer's standard colors.
 4. Color: _____.
 5. Thickness: 3/4 inch (19 mm).
 6. Thickness: 1/2 inch (12 mm).
- 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 required.
 2. Solid surface material shall be processed and fabricated in a craftsman like manner. All surfaces shall have a matte finish. Joints shall be tightly bonded to minimize visible seams. Edges shall be polished, chamfered and free of milling marks.
- C. Hardware - Euroline:
1. Material: powder coated stainless steel finished aluminum material.
 2. Hinges: Fully adjustable self closing, with hinges set to allow door to fall open.
 3. Latch and Keeper/Indicator Bolt: Slide bar on interior with exterior indicator to indicate occupancy; also provide door bumper.
 4. Coat Hook: Wall bumper and garment hook on interior of door with rubber bumper.
 5. Door Pull.
 6. 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).

7. Exposed Fasteners: Chrome plated brass or stainless steel.

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. EuroLine Metro 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.

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-