

## SECTION 10165

### PLASTIC LAMINATE TOILET COMPARTMENTS



For best results, display hidden notes to specifier.

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Overhead braced toilet compartments.
- B. Urinal screens.

##### 1.2 RELATED SECTIONS

- A. Sections 08105 and 08213: Stall doors for installation in stud wall framed compartments.

##### 1.3 REFERENCES

- A. ASTM D 1037 - Standard Test Methods for Evaluating Properties of Wood-Base Fiber and Particle Panel Materials; 1996a.
- B. NEMA LD 3 - High Pressure Decorative Laminates; 1995.

##### 1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations.
  - 2. Storage and handling requirements and recommendations.
  - 3. Installation methods.
- C. Shop Drawings: Showing restroom layout with field measured dimensions.
- D. Selection Samples: For each finish product specified, two color charts representing manufacturer's full range of available colors and patterns.

##### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.

#### PART 2 PRODUCTS

##### 2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Marlite; 202 Harger Street, Dover, OH 44622. ASD. Tel: (330) 343-6621. Fax: (330) 343-7296. Email: [info@marlite.com](mailto:info@marlite.com) www.marlite.com
- B. Substitutions: Not permitted.

- C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

## 2.2 MATERIALS

- A. Doors, Panels, and Pilasters: MDF Core with high pressure plastic laminate surface.
1. Color: To be selected from manufacturer's standard colors.
  2. Color: \_\_\_\_\_.
  3. Surface: Complying with NEMA LD 3, grade HGS, 0.048 inch (1.2 mm) nominal thickness.
  4. MDF: 46 pcf density.
  5. Screw Pull-Out Resistance: 300 lb (136 kg) perpendicular to surface, 250 lb (113.4 kg) edge of panel, when tested in accordance with ASTM D 1037.
  6. Edges: Banded with same high pressure laminate applied under pressure with hot melt adhesive.
  7. Panel Thickness:
    - a. Doors and Side Panels: 7/8 inch (22 mm).
    - b. Pilasters: 1-1/4 inch (32 mm).
  8. Height:
    - a. Pilasters: 80 inches (2032 mm).
    - b. Doors and Panels: 58 inches (1473 mm) to top.
- B. Doors, Panels, and Pilasters: Solid Phenolic core with decorative high pressure resin impregnated paper surface.
1. Color: To be selected from manufacturer's standard colors.
  2. Color: \_\_\_\_\_.
  3. Wear Resistance: At least 400 percent more wear resistance than NEMA LD 3, general purpose type high pressure laminate.
  4. Screw Pull-Out Resistance: 648 lb (293 kg) perpendicular to surface, when tested in accordance with ASTM D 1037.
  5. Edges: Black, polished and free of sharp edges.
  6. Durability: Manufacturer's 15-year warranty against delamination and other defects.
  7. Panel Thickness:
    - a. Doors and Side Panels: 1/2 inch (12 mm).
    - b. Pilasters: 3/4 inch (19 mm).
  8. Height:
    - a. Pilasters: 80 inches (2032 mm).
    - b. Doors and Panels: 58 inches (1473 mm) to top.
- C. Pilaster Mounting: MDF core with high pressure plastic laminate surface.
1. 3 inch (75 mm) high stainless steel shoe covering galvanized steel mounting bracket with leveling screw assembly, anchored to floor with two screws and expansion anchors.
- D. Pilaster Mounting: Solid Phenolic core with decorative high pressure resin impregnated paper surface.
1. 3 inch (75 mm) high stainless steel shoe covering anchored to floor with two 3-1/4" Stud Anchors.
- E. Headrail: Extruded aluminum of anti-grip design with bright anodized finish, with wall mounting brackets.

- F. Hardware: MDF core with high pressure plastic laminate surface.  
Die-cast non-ferrous zinc alloy, polished bright chrome plated.
  - 1. Panel and Pilaster Brackets: With chrome plated shoulder and barrel nuts of vandal-proof one-way operation; attached to walls with screws and plastic expansion anchors.
  - 2. Top Hinge: Recessed into door 2 inches (50 mm) from top, with steel pin anchored in door above and below hinge bracket.
  - 3. Bottom Hinge: Recessed into door 1 inch (25 mm) from bottom, with door weight carried on self-lubricating nylon thrust bearings and cams, and simple adjustment for preset automatic door home position.
  - 4. Door Latch: Slide latch, strike, and keeper, meeting ADA requirements with emergency access feature.
  - 5. Door pull and coat hook with bumper.
  
- G. Hardware: Solid Phenolic core with decorative high pressure resin impregnated paper surface.
  - 1. Panel and Pilaster Brackets: Cast or stamped Type 304 stainless steel brackets, polished bright chrome plated, with chrome plated shoulder and barrel nuts of vandal-proof one-way operation; attached to walls with screws and plastic expansion anchors.
  - 2. Hinges: Self-closing heavy-duty stainless steel with nylon cams and pin assembly, and door home position adjustment by adjusting bottom hinge unit.
  - 3. Door Latch: Slide latch, strike, and keeper, meeting ADA requirements with emergency access feature.
  - 4. Door pull and coat hook with bumper.

## PART 3 EXECUTION

### 3.1 INSTALLATION

- A. Install in accordance with manufacturer's instructions.

### 3.2 PROTECTION

- A. Protect installed products until completion of project.
- B. Clean, touch-up, repair or replace damaged products after Substantial Completion.

END OF SECTION