

## **GENERAL PARTITIONS PRODUCT SPECIFICATIONS**

General Partitions Manufacturing Corporation

TEL: 814-833-1154; FAX: 814-838-3473

1702 Peninsula Drive; P.O. Box 8370, Erie, Pennsylvania 16505-0370

### **SECTION 10171**

#### **SOLID PHENOLIC COLOR – THRU COMPARTMENTS**

#### **PART 1 - GENERAL**

##### **1.11111112 SUMMARY**

- B. Section includes: Solid phenolic toilet compartments, urinal screens, privacy screens including required fittings, hardware, and accessories.

##### **1.3232 REFERENCES**

- D. Americans with Disabilities (ADA) Standards for Accessible Design.
- E. ANSI A117.1 - American National Standard for Buildings and Facilities - Providing Accessibility and Usability for Physically Handicapped People.
- F. ASTM A167 - Stainless and Heat Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
- G. ASTM E84 - Surface Burning Characteristics of Building Materials.
- H. UFAS - Uniform Federal Accessibility Standards.

##### **1.439 SUBMITTALS**

Provide in accordance with Section 01330 - Submittal Procedures:

##### **1.54103 QUALITY ASSURANCE**

- K. Products and installation shall comply with [ADA Standards] [ANSI A117.1] [UFAS] [\_\_\_\_\_].

#### **PART 2 - PRODUCTS**

##### **2.6512422227613 ACCEPTABLE MANUFACTURERS**

General Partitions Manufacturing Corporation, P. O. Box 8370, Erie, Pennsylvania;  
814-833-1154.

##### **2.8714 TYPE**

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- O. Toilet compartments: Series 40 - Floor Supported with Headrail as manufactured by General Partitions Manufacturing Corporation.
- B. Maximum Flame spread requirements of 35. Maximum smoke generation of 100 [for 1/2" thicknes, 90 for 3/4", and 45 for 1" thickness.]

### **2.9816 PANELS**

- Q. Material: Solid phenolic core made of multiple layers of phenolic resin impregnated kraft paper compressed under heat and pressure. Face with high pressure melamine sheet fusion welded to surface of core. Phenolic core color shall be the same as the decorative surface sheets

- 5. Resistant to delamination, water, steam, corrosion, soaps, detergents, and mildew.
- 6. Edges: Phenolic core edge color shall be the same as the decorative surface sheets, radiused and polished.
- 7. Fire hazard: Class A in accordance with ASTM E84 with 20 maximum flame spread and 45 maximum smoke development.

R.8 Minimum thickness:

- 9. Panels: [1/2 inch] [13 mm].
- 10. Doors: [3/4 inch] [19 mm].
- 11. Pilasters: [3/4 inch ] [25 mm].

C. Sizes: [As indicated on Drawings.]

- 1. Inswinging door: [24 inches] [610 mm] [\_\_\_\_\_] wide by 58 inches
- 2. Outswinging door for use by persons with physical handicaps: Width to provide [32 inches] [813 mm] clear opening by 58 inches.

### **2.1091912 FITTINGS**

- T. Headrail: Extruded aluminum channel with anti-grip shape, designed to fit over top of pilasters, [1-7/8 by 1-25/32 inches] [48 by 45 mm].

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- B. Attachment hardware: Chrome plated, one-way vandal proof sex bolts and No. 14 stainless steel metal screws of length recommended by manufacturer.
- C. Connection brackets: Non-ferrous cast alloy, chrome plated.
- D. Pilaster trim: Minimum [3 inches high 0.031 inch thick] [76 mm by 0.76 mm thick] stainless steel shoe.

### **2.111021 HARDWARE**

- V. Hinges: [[8 inches] [203 mm] high extruded aluminum warp around pivot hinges with nylon cams and adjustable for door closing position
- W. [Combination coat hook and rubber bumper] [Rubber tipped door bumper]: Cast alloy, chrome plated.
- X. Latch: Surface mounted, extruded aluminum slide latch that does not require twisting or turning of wrist to operate.
- Y. Combination latch keeper and door stop with rubber bumper: Extruded aluminum.
- Z. Door pull: Cast alloy, chrome plated, straight loop design.

### **2.121127 FACTORY FINISHING**

- BB. Color: [[\_\_\_\_\_] as provided by General Partitions Manufacturing Corporation.]  
[[Single color] [Maximum of [\_\_\_\_\_] colors] selected by Architect from  
manufacturer's [standard] [full] range.

## **PART 3 - EXECUTION**

### **3.131229133333141330 PREPARATION**

- EE. Coordinate requirements for blocking in stud walls to ensure proper support is provided for wall attachments.
- B. Verify that site conditions are ready to receive work and opening dimensions are as indicated on shop drawings.
- C. Verify correct spacing of plumbing fixtures.

### **3.151432 INSTALLATION**

- GG. Install partitions secure, plumb, and level in accordance with manufacturer's instructions.

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- HH. Maintain [3/8 to 1 inch] [10 to 25 mm] uniform space between wall and panels and between wall and end pilasters.
- II. Attach panel brackets securely to walls using anchor devices recommended by manufacturer.
- JJ. Attach panels and pilasters to brackets with sheet metal screws.
- E. Brace pilasters with overhead rail. Locate headrail joints at pilaster center lines.
- F. Anchor pilaster to floor with heavy duty galvanized stainless steel angle plate, sheet metal screws, and anchors. Conceal floor fastenings with pilaster shoes.
- G. Door installation: Hang doors from pilasters. Equip each door with two pivot hinges, door latch, door strike and keeper, and coat hook and bumper. Install door pull on outswinging doors.

### **3.161537 ERECTION TOLERANCES**

- LL. Maximum variation from true position: [1/4 inch] [6 mm].
- MM. Maximum variation from plumb: [1/8 inch] [3 mm].

### **3.171640 ADJUSTING**

- OO. Replace significantly damaged, deeply scratched, or broken panels.
- PP. Adjust hinges to locate inswinging doors in partial open position and outswinging doors in closed position when unlatched.
- QQ. Adjust and align hardware to uniform clearance at vertical edge of doors.

### **3.181744 CLEANING**

- SS. Clean surfaces with liquid spray furniture or counter top polish. Do not use abrasives.

**END OF SECTION**