

SECTION 10171**SOLID PHENOLIC COMPARTMENTS****PART 1 - GENERAL****1.1 SUMMARY**

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

1.2 REFERENCES

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

1.3 SUBMITTALS

Provide in accordance with Section 01330 - Submittal Procedures:

1.4 QUALITY ASSURANCE

- A. Products and installation shall comply with [ADA Standards] [ANSI A117.1] [UFAS] [_____].

PART 2 - PRODUCTS**2.1 ACCEPTABLE MANUFACTURERS**

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

2.2 TYPE

- A. Toilet compartments: Series 60 - Floor to Ceiling style as manufactured by General Partitions Manufacturing Corporation.
- B. Maximum Flame spread requirements of 35. Maximum smoke generation of 100 [for 1/2" thickness, 90 for 3/4", and 45 for 1" thickness.]

2.3 PANELS

- A. 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.
 - 1. Resistant to delamination, water, steam, corrosion, soaps, detergents, and mildew.
 - 2. Edges: Black solid phenolic resin, radiused and polished.
 - 3. Fire hazard: Class B in accordance with ASTM E84 with 35 maximum flame spread and 100 maximum smoke development.
- B. Minimum thickness:
 - 1. Panels: 1/2 inch.
 - 2. Doors: 3/4 inch.
 - 3. Pilasters: 3/4 inch.
- C. Sizes: [As indicated on Drawings.]
 - 1. Inswinging door: 24 inches wide by 58 inches
 - 2. Outswinging door for use by persons with physical handicaps: Width to provide 32 inches clear opening by 58 inches.

2.4 FITTINGS

- A. Attachment hardware: Stainless Steel torx w/ pin, vandal proof sex bolts and No. 14 stainless steel metal screws of length recommended by manufacturer.
- B. Connection brackets: Non-ferrous cast alloy, chrome plated.

- C. Pilaster trim: Minimum 3 inches high 0.031 inch thick, stainless steel shoe at floor and ceiling.

2.5 HARDWARE

- A. Hinges: 8 inches high extruded aluminum wrap around pivot hinges with nylon cams and adjustable for door closing position
- B. Combination coat hook and rubber bumper: Cast alloy, chrome plated.
- C. Latch: Surface mounted, extruded aluminum slide latch that does not require twisting or turning of wrist to operate.
- D. Combination latch keeper and door stop with rubber bumper: Extruded aluminum.
- E. Door pull: Cast alloy, chrome plated, straight loop design.

2.6 FACTORY FINISHING

- A. Colors provided by General Partitions Manufacturing Corporation as selected by Architect from manufacturer's full range.

PART 3 - EXECUTION

3.1 PREPARATION

- A. 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.

3.2 INSTALLATION

- A. Install partitions secure, plumb, and level in accordance with manufacturer's instructions.
- B. Maintain [3/8 to 1 inch] [10 to 25 mm] uniform space between wall and panels and between wall and end pilasters.
- C. Attach panel brackets securely to walls using anchor devices recommended by manufacturer.

- D. Attach panels and pilasters to brackets with sheet metal screws.
- E. Anchor pilaster to floor and ceiling, with heavy duty galvanized stainless steel angle plate, sheet metal screws, and anchors. Conceal floor fastenings with pilaster shoes.
- F. 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.

3.3 ERECTION TOLERANCES

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

3.4 ADJUSTING

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

3.5 CLEANING

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

END OF SECTION