

SECTION 10161**PLASTIC LAMINATE TOILET COMPARTMENTS****PART 1 - GENERAL****1.1 SUMMARY**

Section includes: Plastic Laminate finished steel toilet compartments, and urinal screens as follows:

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. ANSI A208.1 - Mat Formed Wood Particleboard.
- D. ASTM A167 - Stainless and Heat Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
- E. NEMA LD-3 - High Pressure Decorative Laminates.
- F. UFAS - Uniform Federal Accessibility Standards.

1.3 SUBMITTALS

Provide in accordance with Section 01330 - Submittal Procedures:

1.4 QUALITY ASSURANCE

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

Toilet compartments: Panels supported by pilasters anchored to floor and braced overhead with headrail; Series 40 - Floor Supported with Headrail ; as manufactured by General Partitions Manufacturing Corporation.

2.3 PANELS

- A. Fabricate from particle board core with adhesive bonded plastic laminate face sheets and edging.
- B. Core: ANSI 208.1, Medium Density Series, wood particle board with 45 pounds minimum density
- C. Face sheets and edges:
 - 1. Material: NEMA LD-3, General Purpose Type plastic laminate, 1/16 inch thick.
 - 2. Color: Selected by Architect from manufacturer's standard
- D. Minimum thickness:
 - 1. Panels and doors: [1 inch] [25 mm].
 - 2. Pilasters: [1-1/4 inches] [32 mm].
- E. Sizes: [As indicated on Drawings.]
 - 3. Inswinging door: [24 inches] [610 mm] [_____] wide by [[58] [67] inches] [[1473] [1702] mm] high.
 - 4. Outswinging door for use by persons with physical handicaps: Width to provide [32 inches] [813 mm] clear opening by [[58] [67] inches] [[1473] [1702] mm] high.

2.4 FITTINGS

******* Headrails are required for Series 40 toilet compartments and FSH-4 urinal screens. If these products are not being used, delete the following paragraph.**

- A. Headrail: Extruded aluminum channel with anti-grip shape, designed to fit over top of pilasters, [1-7/8 by 1-5/32 inches] [48 by 29 mm].
- B. Attachment hardware: Chrome plated, one-way vandal proof sex bolts and No. 14 plated 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.

2.5 HARDWARE

- A. Hinges: [Chrome plated non-ferrous cast pivot hinges with nylon cams and adjustable for door closing position. Top hinge mounted within door cutout.]
- B. [Combination coat hook and rubber bumper] [Rubber tipped door bumper]: Cast alloy, chrome plated.
- C. Concealed latch operating handle: Cast alloy, chrome plated mechanism that does not require twisting or turning of wrist to operate. Provide cover for exterior side.
- D. Combination latch keeper and door stop with rubber bumper: Cast alloy, chrome plated.
- E. Door pull: Cast alloy, chrome plated, straight loop design.

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. Where indicated on approved shop drawings, pilasters intersecting adjacent walls shall be terminate [[12] [3] inches] [[305] [76] mm] above floor and attach to wall

with brackets.

- E. Attach panels and pilasters to brackets with sheet metal screws.
- F. Brace pilasters with overhead rail. Locate headrail joints at pilaster center lines.
- G. Anchor pilaster to floor with heavy duty galvanized steel angle plate, sheet metal, screws, and anchors. Conceal floor fastenings with pilaster shoes.
- H. 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 chipped 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