

FRP - FIBERGLASS REINFORCED PLASTIC

SERIES 40 FLOOR-MOUNTED OVERHEAD-BRACED STYLE TOILET COMPARTMENTS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Plastic compartment work includes the following:
 - 1. Floor-supported, overhead-braced partitions.
 - 2. Floor-to-Ceiling partitions up to 8'0"
- B. Furnish all labor and materials necessary for the completion of work in this section as shown on the contract drawings and specified herein.
- C. Work in this section shall include, but is not limited to:
 - 1. Toilet compartments.
 - 2. Hardware for toilet compartments and FRP partitions.
 - 3. Shop drawings and working drawings.
 - 4. Manufacturer's guarantee.
- D. Related work specified elsewhere shall include accessories and anchorage/blocking for attachment of compartments.

1.02 SUBMITTALS

- A. Submit six sets of shop drawings, and details, for architect's approval.
- B. Colors shall be selected from the manufacturer's standard range of colors
- C. Color and hardware samples shall be submitted for approval to the architect upon request.

PART 2 - PRODUCTS

2.01 MANUFACTURER

Toilet compartments to be supplied by General Partitions Mfg. Corp., Erie, Pennsylvania, or approved equal.

2.02 MATERIALS

- A. Doors, panels, and pilasters to be constructed from deep textured Fiberglass Reinforced Plastic, laminated to a wood particleboard with 45 pounds minimum density
- B. Edges to be textured Fiberglass Reinforced Plastic, bonded to faces and core.

2.03 CONSTRUCTION

- A. Doors, panels, and pilasters shall have uniformly machined edges. No sharp edges will be accepted.
- B. Doors and panels shall be 58" high and mounted at 12" above the finished floor. Door shall be mounted to the pilasters with an 8" extruded aluminum alloy wraparound hinge. (Optional) full length continuous aluminum hinge is also available. Panels shall attach to walls and pilasters with (2) 3" long double high heavy-duty aluminum stirrup brackets
- C. Pilasters shall be 81-7/8" high anchoring to walls with (2) 3" long double high heavy-duty aluminum stirrup brackets. (Optional) full length continuous aluminum bracket is also available at all connections. Pilasters are to be anchored to the floor with heavy gauge Stainless Steel angles allowing full adjustment of pilaster.
- D. Top of pilasters to be securely braced with aluminum anti-grip headrail.

2.04 HARDWARE

- A. Door hardware shall be as noted:
 - 1. Heavy-duty 8" aluminum hinge shall have gravity-acting cams and wraparound flanges. Hinges are through-bolted to doors and pilasters using stainless steel, tamper-resistant through bolts. Hinges allow for simple adjusting at the job site to a full close or partially open position, as required.
 - 2. Slide latches shall be fabricated from heavy-duty extruded aluminum and mounted to the door with stainless steel, tamper-resistant through bolts.
 - 3. Strike and keepers shall be fabricated from heavy-duty extruded aluminum and shall be attached to the pilasters with chrome plated brass through bolts.
- B. Panel and pilaster hardware:

1. Double high, aluminum stirrup brackets shall be 1/8" thick, 3" high, constructed of heavy-duty anodized extruded aluminum. Stirrup brackets shall be mounted with stainless steel, tamper-resistant screws. Panels shall be attached with chrome plated brass, tamper-resistant through bolts. The attachment of brackets to the adjacent wall construction shall be accomplished with (4) #14 x 2-1/2" stainless steel, tamper-resistant screws and plastic anchors.
 2. Stainless steel pilaster shoes shall be 3" high, and are anchored to the pilaster with #14 stainless steel, tamper-resistant screws.
- C. Headrail shall be anti-grip and made of heavy-duty extruded aluminum.

PART 3 - EXECUTION

3.01 PREPARATION

- A. Take accurate measurements of complete toilet compartment locations, and compare with job print for any discrepancies.
- B. Start of work constitutes acceptance of job.

3.02 INSTALLATION

- A. Install compartments in a rigid, straight, plumb and level manner, complying with the shop drawings and manufacturer's installation instructions.
- B. All doors and panels to be mounted at 12" above the finished floor.
- C. Clearance at vertical edges of door shall be uniform top to bottom.
- D. No evidence of cutting, drilling, and/or patching shall be visible on the finished work.
- E. Finished surfaces shall be cleaned after installation and be left free of all imperfections.

3.03 WARRANTY

- A. General Partitions Mfg. Corp. guarantees its FRP when properly stored and installed in accordance with the installation instructions, against breakage, corrosion, and delamination under normal usage for **1 YEAR** from the date of receipt by the customer. Acts of vandalism shall be excluded. If materials are found defective during that period for the reasons listed above, the materials will be replaced free of charge. No credits or allowances will be issued for any labor or expenses relating to the replacement of components covered under the warranty plan.

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