

SERIES 40  
POLYMER 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.

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 plastic 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 PRODUCTS

A. Submit six sets of shop drawings, and details, for architect's approval.

B. Colors shall be selected from the manufacturer's full range of colors:

C. Color and hardware samples shall be submitted for approval to the architect upon request.

PART 2 - PRODUCTS

2.01 MANUFACTURER

A. 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 1" thick with homogeneous color throughout, constructed from high density polymer (HDP) resins. All edges to be machine radius with all sharp edges removed.

B. All panels and doors shall have an aluminum heat sink strip attached to the bottom.

2.03 CONSTRUCTION

A. Doors, panels, and pilasters shall be 1" thick with uniformly machined edges.

B. Doors and panels shall be 55" high and mounted at 14" above the finished floor. Door shall be mounted to the pilasters with a die-cast aluminum alloy wraparound hinge.

C. Pilasters shall be 81-7/8" high anchoring to walls and panels with 5/8" continuous heavy-duty aluminum stirrup brackets. Pilasters are to be anchored to the floor with heavy gauge angles allowing full adjustment of pilaster.

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 onto 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. Panel connections shall be made with continuous brackets, 54" long of heavy-duty anodized extruded aluminum. Continuous wall brackets are pre-drilled with holes spaced every 10" along the full length of the bracket. The bracket thickness shall be 1/8". Wall brackets are mounted with stainless steel, tamper-resistant screws. Panels shall be attached with stainless steel, tamper-resistant through bolts. The attachment of brackets to the adjacent wall construction shall be accomplished with #14 x 2-1/2" stainless steel, tamper-resistant screws and plastic anchors.

B. Stainless steel pilaster shoes shall be 3" high, and are anchored to the pilaster with #14 stainless steel, tamper-resistant screws.

C. Slide latches shall be fabricated from heavy-duty extruded aluminum and mounted to the door with stainless steel, tamper-resistant through bolts.

D. Strike and keepers shall be fabricated from heavy-duty extruded aluminum and shall be attached to the pilasters with stainless steel through bolts.

E. 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 14" 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 plastic against breakage, corrosion, and delamination for 15 YEARS from the date of receipt by the customer. 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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