



PLASTIC LAMINATE

FLOOR ANCHORED/OVERHEAD BRACED TOILET COMPARTMENTS

PART-1 GENERAL

1.01 DESCRIPTION

- A. Particle board core compartment work includes the following:
 - 1. Floor anchored or overhead braced partitions.
- B. This shall include, but is not limited to:
 - 1. Toilet compartments.
 - 2. Hardware for toilet compartments.
 - 3. Shop drawings and working drawings.
 - 4. Manufacturer's guarantee.

1.02 STEPS

- A. Shop drawings and details shall be submitted 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

- A. Toilet compartments shall be supplied by Comres Manufacturing, Inc. of Tampa, Florida.

2.02 MATERIALS

- A. Doors and panels shall be 1" thick, constructed of decorative plastic laminate, bonded with a non-toxic and waterproof adhesive under pressure to a $\frac{7}{8}$ " particle board core; the laminate shall be 0.050"; the core shall be made from 45-pound density, resin impregnated, particle board.
- B. Pilasters shall be 1 $\frac{1}{4}$ " thick, constructed of a decorative plastic laminate, bonded with a non-toxic and waterproof adhesive under pressure to a 1 $\frac{1}{8}$ " particle board core; the laminate shall be 0.050"; the core shall be made from 45-pound density, resin impregnated, particle board.

2.03 CONSTRUCTION

- A. Doors and panels finished shall be 1". All face and edge surfaces shall be covered with decorative laminate; face surfaces to overlap all edges so that joints between laminates fall on the edge surface of components only. Doors to be machined (except for continuous and hinge) to accept hinges.
- B. Pilasters shall be floor anchored or overhead braced with a finished thickness of 1 $\frac{1}{4}$ ". All face and edge surfaces to be covered with decorative laminate, face surfaces to overlap all edges so that joints between laminates fall on the edge surface of components only. Pilasters shall include a mounting system comprised of $\frac{3}{8}$ " by 1" aluminum mounting bar attached to the pilaster, having $\frac{3}{8}$ " zinc plated steel bolts secured to a steel connection nut, imbedded within a contoured aperture transversely piercing the core. Each mounting bar shall be secured to the building structure with $\frac{3}{8}$ " zinc plated steel studs. A shoe shall conceal each floor mounting having an internal cross

section conforming to the pilaster.

C. Pilasters are overhead braced with an extruded anti-grip aluminum headrail.

D. The color and texture of the finish on plastic laminate units are determined by the selected decorative pattern.

2.04 HARDWARE

A. All exposed door hardware shall be as noted:

1. Chromium plated die-cast zamac hinge shall have gravity acting cam and wrap around flanges. Slide latch, strike/keeper and hinges are through bolted onto doors and pilasters using chromium plated vandal-resistant through bolts. Keeper provides for emergency access into stall via lifting up on the bottom of the door.
2. Optional: Stainless steel die-cast hinge shall have gravity acting cam and wrap around flanges. Side latch, strike/keeper and hinges are through bolted onto doors and pilasters using stainless steel vandal-resistant through bolts. Keeper provides for access into stall via lifting up on the bottom of the door.
3. Optional: Continuous stainless steel hinge. Side latch, strike/keeper and hinges are through bolted onto door and pilasters using stainless steel vandal-resistant through bolts.

B. Panel and pilaster brackets shall be as noted:

1. Stirrup brackets shall be 2 1/2" deep die-cast zamac. Stirrup brackets shall be 3/16" thick and mounted with chrome-plated steel vandal-resistant through bolts. The attachment of brackets to the adjacent wall construction shall be accomplished with 2 1/2" chrome-plated steel pan head or anti-theft faster resistant screws and plastic anchors.
2. Optional: Stirrup brackets shall be 2 1/2" long die-cast stainless steel. Stirrup brackets shall be 1/8" thick and mounted with chrome-plated steel, vandal-resistant through bolts. The attachment of brackets to an adjacent wall construction shall be accomplished with 2 1/2" stainless steel vandal-resistant screws and plastic anchors.
3. Optional: Continuous heavy-duty, anodized, extruded aluminum (6063-T5 alloy) wall brackets are predrilled. Wall brackets are mounted with stainless steel vandal-resistant through bolts. The attachment of brackets to the adjacent wall construction shall be accomplished with 2 1/2" stainless steel antitheft torx screws and plastic anchors.
4. Optional: Continuous heavy-duty stainless steel wall brackets are predrilled. Wall brackets are mounted with stainless steel, vandal-resistant through bolts. The attachment of bracket to an adjacent wall construction shall be accomplished with 2 1/2" stainless steel vandal-resistant screws and plastic anchors.

C. Pilaster shoes shall be stainless steel 4" high with a #4 satin finish. Pilaster shoes are anchored to the pilaster with #10 stainless steel vandal-resistant screws.

D. Headrail shall be made of heavy-duty anodized extruded aluminum

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(6063-T5 alloy). Headrail is anti-grip and attaches to the top of the pilaster with stainless steel vandal-resistant screws.

PART-3 EXECUTION

3.01 PREPARATION

- A. Examine areas to receive toilet compartments for correct height and spacing of anchorage, blocking and plumbing fixtures that may affect installation of compartments. Report any discrepancies to the architect.
- B. Take complete and accurate measurements of toilet compartment locations.
- C. The start of work constitutes acceptance of job.

3.02 INSTALLATION

- A. Install compartments in a rigid, straight, plumb and level manner as shown on 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 from top to bottom.
- D. No evidence of cutting, drillings 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. Comres Manufacturing, Inc. guarantees its plastic laminated units, properly maintained, against discoloration or delamination for 1 year from the date of receipt by the customer. If materials are found defective during that period for the reasons listed above, the material 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. All such expenses are to be borne by the buyer.