

STONE TOILET COMPARTMENTS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. This Section describes the requirements for furnishing and installing floor-mounted marble toilet compartments with stile and rail wood doors.
- B. Related Sections:
 - 1. Stile and rail wood doors are specified in Section 08 14 33.
 - 2. Toilet compartments are specified in Section 10 21 13.
 - 3. Toilet accessories are specified in Section 10 28 13.

1.02 SUBMITTALS

- A. Product Data: Manufacturer's technical data for materials, fabrication, and installation, include catalog cuts of anchors, hardware, fastenings, and accessories.
- B. Shop Drawings: Furnish for fabrication and erection of assemblies not fully described by product drawings, templates, and installation instructions.
- C. Samples: Full range of color samples for each type of unit required. Furnish 6-inch square samples of each color and finish on same substrate to be used in the work, for color verification after selections have been made.

1.03 QUALITY ASSURANCE

- A. Field Measurements: Take field measurements prior to preparation of Shop Drawings and fabrication where possible. Allow for adjustments within specified tolerances wherever taking field measurements before fabrication might delay the work.
- B. Coordination: Furnish inserts and anchors to be built into other work; coordinate delivery to avoid delay.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Marble: Georgia Marble Company, color and pattern to match the historic toilet partitions of the Hall of Justice, polished finish.
- B. Stile and Rail Wood Doors: To match those at the Hall of Justice, as specified in Section 08 14 33.
- C. Door Hardware: Doors shall be fitted with gravity-type top and bottom hinges, door strike, side-bar latch, door pull, coat hook, and bumper, finished in chrome plating.
- D. Miscellaneous Hardware: Compartments shall be fitted with chrome-plated brass clip angles fastened with theft-resistant spanner heads and threaded brass rods.
- E. Fasteners: Stainless steel, theft-proof type.
- F. Stone Cleaner: HMK Stone Care S34 Silicone impregnator.
- G. Stone Sealer: HMK Stone Care R55 intensive cleaner/grout film remover, acid free.

2.02 FABRICATION

- A. General: Provide stile and rail wood doors and polished marble panels, screens, and pilasters. Furnish units with cutouts and drilled holes to receive partition-mounted hardware, accessories, and grab bars, as indicated. Panels and doors shall be 1-inch thick; pilasters shall be 1-1/4-inch thick.

- B. Door Dimensions: Unless otherwise indicated, provide 24-inch wide in-swinging doors for regular stalls and 34-inch wide clear opening out-swinging doors at stalls equipped for use by the handicapped.

PART 3 - EXECUTION

3.01 INSTALLATION

A. General:

1. Comply with manufacturer's recommended procedures and installation sequence.
2. Install partitions rigid, straight, plumb, and level.
3. Provide clearances of not more than 1/2-inch between pilasters and panels, and not more than 1-inch between panels and walls.
4. Secure panels to walls with not less than two stirrup brackets attached near top and bottom of panel.
5. Locate wall brackets so that holes for wall anchors occur in masonry or tile joints.
6. Secure panels to pilasters with not less than two stirrup brackets located to align with stirrup brackets at wall.

B. Floor-Supported Compartments:

1. Set pilaster units with anchors having not less than 2-inch penetration into structural floor, unless otherwise recommended by partition manufacturer.
2. Level, plumb, and tighten installation.
3. Hang doors and adjust so that tops of doors are level with tops of pilasters when doors are in closed position.

3.02 ADJUST AND CLEAN

A. Hardware Adjustment:

1. Adjust and lubricate hardware for proper operation.
2. Set hinges on in-swinging doors to hold doors open approximately 30-degrees from closed position when unlatched.
3. Set hinges on out-swinging doors and entrance swing doors to return to fully closed position.

B. Clean marble surfaces to remove dirt and stains. Do not use wire brushes, harsh abrasive cleaners, or acid.

C. Apply two coats of sealer to exposed marble in accordance with manufacturer's instructions.

END OF SECTION