

SECTION 10155: TOILET COMPARTMENTS

PART I – GENERAL

WORK SPECIFIED HEREIN

- All labor, materials, equipment and services necessary to furnish and install toilet compartments and urinal screens as indicated or specified. **This is a Required Vendor.**

SUBMITTALS

- Unless otherwise noted, the contractor shall prepare all shop drawings, product literature, etc. only as required to properly coordinate and construct the project.
- Review of submittals by the Professional of Record is limited to specific shop drawings as called for in the Project Manual.
- Shop drawings for review by the Professional of Record are not required for this section.

QUALITY ASSURANCE

- Take field measurements prior to preparation of shop drawings and fabrication to assure proper fitting.
- Provide setting drawings, templates, instructions and directions for installation of anchorage devices.

PRODUCT DELIVERY, STORAGE AND HANDLING

Deliver items in manufacturer's original unopened protective packaging. Store materials in original packaging to prevent soiling, physical damage or wetting. Handle so as to prevent damage to finished surface.

PART II – PRODUCTS

MATERIALS

- Acceptable manufacturer: Refer to Materials and Product Schedule on drawings for additional information.
- Doors and partition panels shall be 1" thick, sound insulated. Panel plates shall consist of 2 sheets of galvanized/bonderized steel not less than 22 gauge for doors, or 20 gauge for partitions, and shall have formed edges sealed with a continuous oval crown locking strip. Door edges shall be electrically welded with welds spaced not over 18" apart around the entire perimeter. Locking strips on doors and partitions, shall be mitered, welded and finished at the corners; 24" wide doors unless noted otherwise.
- Pilasters shall be 1-1/4" thick, made of 2 sheets of 18 gauge galvanized/bonderized steel welded and finished as specified above. Bottom of pilasters shall have a jack-leveling screw to carry and weight of the compartment and to provide a secure mechanical anchorage to floor with adjustable floor fittings.
- Pilaster connection to the floor shall be concealed with a one piece 3" polished type 302 stainless steel shoe.
- Pilasters when set in place shall be securely braced with continuous 1" x 1-1/2" lock seam tubular steel overhead bracing attached through

the top of the pilaster with metal screws applied through the pilaster into the headrail on the inside of the stall. Headrail shall extend full length of installation and over end compartments and be fastened into wall brackets. Exposed ends of headrail to be capped. Headrail to be of "anti-grip" type.

- Dividing partitions and pilasters shall be attached to one another and to the walls with stirrup brackets. Trim shall be theft-proof one-way screws or bolts, held in place with concealed anchor clips without the use of exposed fasteners.

HARDWARE AND FITTINGS:

- Top hinge pin shall be secured at 3 points with all door hinge fittings fully flush with face plates of the door.
- Each door shall be equipped with chrome plated cast alloy coat hook and bumper, concealed latch with bolt of stainless steel permitting exterior access, a one-piece chrome plated stop and keeper and concealed controlled power bearing gravity hinge.
- The door shall be adjustable to permit rest position at any angle with 270° arc and the weight at all times shall be carried by a thrust bearing with all moving parts concealed within the door thickness.
- Pilaster hinge brackets shall be factory mounted flush to the pilaster and of zamac alloy.
- *Hardware:* Provide manufacturer's standard design heavy duty operating hardware and accessories, in stainless steel No. 4 bright polish finish.
- *Reinforcing:* Internally reinforce compartment panels where specified toilet accessories are installed through compartment panels.
- *Cutouts:* Provide reinforced cutouts in compartment panels where specified toilet accessories are installed through compartment panels.
- Urinal screens shall be 2'-0" long, wall hung and floor supported 1" thick made of 2 sheets of 20 gauge galvanized/bonderized steel constructed as specified above for partitions. Additionally, both vertical edges are to be supplied with additional reinforcement consisting of a wood core 4" wide.
- Provide all necessary blocking as per manufacturer's recommendations.
- Provide stirrup brackets, 2 for each screen, made of heat treated, polished and anodized extruded aluminum alloy. Each stirrup bracket shall be 3" long and provided with 4 holes for attachment of screws to the wall and 2 thru-bolts through the screen.
- Use theft-proof or one-way screws or bolts throughout all construction.

FINISH

- Colors are as indicated on drawings.

PART III – EXECUTION

INSTALLATION

- Install toilet compartments and urinal screens in strict accordance with manufacturer's instructions, of size, and at locations indicated. Erect in a rigid, substantial manner, straight and plumb, and with all horizontal lines level. Clearance at the wall shall be approximately 1" for panels and 1" for pilasters; not more than 1/2" between pilasters and panels. All evidence of drilling cutting and fitting to room finish shall be concealed in the finish work. Clearance at vertical edges of doors shall be uniform from top to bottom and shall not exceed 3/16". Adjust hardware and leave in perfect working order. Adjust door hinges to hold door open at approximately 30°.

CLEANING

- Clean partitions and hardware; touch up as required and provide minimum 1 pt. touch-up enamel paint to match finish surface.

END OF SECTION