



Specification Floor-To-Ceiling Solid Plastic Toilet Compartments

PART 1 – GENERAL

1.01 SUBMITTALS

A. Plastic compartment work includes the following, where indicated:

1. Floor-to-ceiling compartments.

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, compartment doors, urinal screens, privacy screens and entry partitions.
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 partitions.

1.02 PRODUCT DATA

A. Submit six (6) 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 samples and hardware samples shall be submitted for approval by the architect upon request.

1.03 PERFORMANCE REQUIREMENTS

A. Fire Resistance: Partition materials shall comply with the following requirements, when tested in accordance with the ASTM E 84: Standard Test Method for Surface Burning Characteristics of Building Materials:

1. Smoke Developed Index: Not to exceed 450
2. Flame Spread Index: Not to exceed 75
3. Material Fire Ratings:
 - a. National Fire Protection Association (NFPA): Class B
 - b. International Code Council (ICC): Class B

1.04 QUALITY ASSURANCE

A. Manufacturer's Qualifications: A company regularly engaged in manufacture of products specified in this section, and whose products have been in satisfactory use under similar service conditions for not less than 5 years.

B. Installer's Qualifications: A Company or Individual, regularly engaged in installation of products specified in this Section, with a minimum of 5 years experience.



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1.05 WARRANTY

A. SCRANTON PRODUCTS (Santana/Comtec/Capitol), guarantees its plastic against breakage, corrosion, and delamination under normal conditions for 15 years from the date of receipt by the customer. If materials are found to be defective during that period for reasons listed above, the materials will be replaced free of charge. (Labor not included in warranty.)

PART 2 – PRODUCTS

2.01 MANUFACTURER

A. Toilet partitions and screens to be supplied by SCRANTON PRODUCTS (Santana/Comtec/Capitol), Scranton, PA, or approved equal.

2.02 MATERIALS

A. Doors, panels and pilasters shall be 1" thick constructed from High Density Polyethylene (HDPE) resins. Partitions shall be fabricated from polymer resins compounded under high pressure, forming a single component which is waterproof, nonabsorbent and has a self-lubricating surface that resists marks from pens, pencils, markers and other writing instruments. All plastic components shall be covered with a protective plastic masking.

2.03 CONSTRUCTION

A. Doors, panels, and pilasters shall be 1" thick with all edges rounded to a ¼" radius.

B. Doors and dividing panels shall be 55" high and mounted at 14" above the finished floor. An aluminum heat sink may be fastened to the bottom edges (optional).

C. Pilasters shall be floor-to ceiling mounted, fastened to a stainless steel angle and sleeve with a ¾" stainless steel tamper resistant torx head screw. Pilasters can not exceed 120" in height.

2.04 HARDWARE

A. Door hardware shall be as noted:

1. Hinges shall be 8" and fabricated from heavy-duty extruded aluminum (6463-T5 alloy) with a bright dip anodized finish with wrap-around flanges, through bolted to doors and pilasters with stainless steel tamper resistant torx head sex bolts. Hinges operate with field adjustable nylon cams. Cams can be field set in 30-degree increments OR, hinges shall be integral, fabricated from the door and pilaster with no exposed metal parts.

2. Door strike/keeper shall be 6" long and made of heavy-duty extruded aluminum (6436-T5 alloy) with a bright dip anodized finish and secured to the pilasters with stainless steel tamper resistant torx head sex bolts. Bumper shall be made of extruded black vinyl.

3. Latch and housing shall be made of heavy-duty extruded aluminum (6463-T5 alloy). The latch housing shall have a bright dip anodized finish, and the slide bolt and button shall have a black anodized finish.



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4. Each door shall be supplied with one coat hook/bumper and door pull made of chrome plated zamak. Handicapped doors shall be supplied with a second door pull and out swing doors with one door stop made of chrome plated zamak.
- B. A stainless steel angle shall be used to attach pilasters to floor and ceiling. These angles shall be attached to pilasters with $\frac{3}{4}$ " stainless steel tamper resistant torx head screws. Pilaster sleeves shall be 4" high stainless steel (type 304, 20 gauge) and secured to pilasters with a stainless steel tamper resistant torx head screw. Sleeves shall conceal the angle bracket connections at floor and ceiling.
- C. Wall brackets shall be 54" long and made of extruded PVC plastic and are available in the following colors: burgundy, mocha, black, parchment, white, charcoal grey, hunter, grey, fossil, linen, beige, blueberry, azure, cappuccino, sandcastle, sandstone and glacier grey. These plastic brackets are fastened to the pilaster with stainless steel tamper resistant torx head screws and fastened to the panels with stainless steel tamper resistant torx head sex bolts. OR, wall brackets shall be 1½" stirrup type made of heavy-duty aluminum (6463-T5 alloy) with a bright dip anodized finish. Stirrup brackets shall be fastened to pilasters and panels with stainless steel tamper resistant torx head sex bolts.

PART 3 - EXECUTION

3.01 PREPARATION

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

3.02 INSTALLATION

- A. Install partitions rigid, straight, plumb, and level manor, with plastic laid out as shown on shop drawings and manufacturer's installation instructions.
- B. All doors and panels to be mounted at 14" above finished floor.
- C. Clearance at vertical edges of doors shall be uniform top to bottom and shall not exceed 3/8".
- 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.