

PART 1 - GENERAL

1.01 Submittals

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

1. Floor-mounted overhead braced shower and dressing 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. Shower and dressing compartments.
2. Hardware for shower and dressing compartments.
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.

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. Panels, pilasters and optional seats 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. Panels, pilasters and optional seats shall be 1" thick with all edges rounded to a ¼" radius.

B. 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 82" high (standard) and fastened into a 3" high pilaster shoe with a stainless steel tamper resistant torx head sex bolt.

2.04 HARDWARE

A. Pilaster shoes shall be 3" high and made of one-piece molded HDPE plastic 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. OR, pilaster shoes shall be 3" high (type 304, 20 gauge) stainless steel. Pilaster shoes shall be secured to the pilaster with a stainless steel tamper resistant torx head sex bolt.

B. 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 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.

C. Headrail shall be made of heavy-duty extruded aluminum (6463-T5 alloy) with anti-grip design and integrated curtain track. The headrail shall have a clear anodized finish and shall be fastened to the headrail bracket by a stainless steel tamper resistant torx head sex bolt, and fastened at the top of the pilaster with stainless steel tamper resistant torx head screws.

D. Headrail brackets shall be 20 gauge stainless steel with a satin finish and secured to the wall with a stainless steel tamper resistant torx screws.

E. Shower curtains shall be constructed from vinyl and shall be 42" wide by 72" high.

F. Shower hooks shall be aluminum with a self lubricating derlin slide.

PART 3 - EXECUTION

3.01 PREPARATION

A. Examine areas to receive shower and dressing 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 shower and dressing 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 panels to be mounted at 14" above finished floor.

C. No evidence of cutting, drilling, and/or patching shall be visible on the finished work.

D. Finished surfaces shall be cleaned after installation and be left free of all imperfections