



## **Specification Solid Plastic Privacy Screens**

### **PART 1 – GENERAL**

#### *1.01 SUBMITTALS*

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

1. Solid Plastic Privacy Screens.

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. Privacy screens.
2. Hardware for privacy screens.
3. Shop drawings and working drawings.
4. Manufacturer's guarantee.

D. Related work specified elsewhere shall include accessories and anchorage/blocking for attachment of privacy screens.

#### *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. Privacy screens and optional pilasters shall be 1" thick constructed from High-Density Polyethylene 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 (and pilasters if required) shall be 1" thick with all edges rounded to a ¼" radius.

B. Panels shall typically be 42" or 55" high, mounted at 14" above the finished floor. An aluminum heat sink may be fastened to the bottom edges (optional).

C. Pilasters (if required) shall typically be 56", 69" or 82" high and fastened into a 3" high pilaster shoe with a stainless steel tamper resistant torx head sex bolt. Floor to ceiling pilasters are also available (if required) up to 120" and are attached at the floor and ceiling with a stainless steel angle bracket and sleeve .

### *2.04 HARDWARE*

A. Over head braced pilasters and floor supported pilasters (if required) shall have pilaster shoes 3" high and made of one-piece molded HDPE plastic available in: 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. Floor to ceiling pilasters (if required) shall have a stainless steel angle bracket used to attach pilasters at floor and ceiling in lieu of shoes. These angle brackets shall be attached to pilasters with ¾" 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 brackets connections at the floor and ceiling.



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C. Wall brackets shall be 41" or 54" long, 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.

D. Headrail (used with optional 82" pilasters only) 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.

E. Headrail brackets (required with headrail) shall be 20 gauge stainless steel with a satin finish, and secured to the wall with a stainless steel tamper resistant torx head screws.

### **PART 3 - EXECUTION**

#### **3.01 PREPARATION**

A. Examine areas to receive screens for correct height and spacing of anchorage/blocking and plumbing fixtures that may affect installation of screens. Report any discrepancies to the architect.

B. Take complete and accurate measurements of complete screen 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 shall typically 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.