

Part 1 General

1.1 REFERENCES

- .1 American Society for Testing and Materials (ASTM).
 - .1 ASTM E84-09c, Standard Test Method for Surface Burning Characteristics of Building Materials.
- .2 Aluminum Association (AA).
 - .1 Aluminum Standards and Data, 2006 Edition.
 - .2 Aluminum Alloy Castings - Properties, Processes, and Applications, 2004 Edition.
 - .3 Introduction to Aluminum Alloys and Tempers, 2000 Edition.
 - .4 Designation System for Aluminum Finishes, 2003.

1.2 SUBMITTALS

- .1 Shop Drawings.
 - .1 Submit shop drawings in accordance with Section 01 33 00.
 - .2 Indicate fabrication details, plans, elevations, hardware, and installation details.
- .2 Closeout Submittals.
 - .1 Submit operation data and maintenance data for incorporation into Operations and Maintenance Manual specified in Section 01 78 00.

1.3 DELIVERY, STORAGE, AND HANDLING

- .1 Deliver all material to site in manufacturer's original unopened packaging with labels clearly identifying product name and manufacturer.
- .2 Store materials in a dry, enclosed area protected from exposure to moisture, construction activity, and direct sunlight in strict accordance with manufacturer's recommendations.
- .3 Handle all products with appropriate precautions and care as stated manufacturer's instructions.
- .4 Cleaning and Waste Management in accordance with Section 01 74 00.

1.4 WARRANTY

- .1 Provide an extended warranty for Work of this Section for a period of 25 years from date of Substantial Performance of the Work. Contractor hereby warrants plastic compartment screens against breakage, corrosion, and delamination, and these or other observed defects and deficiencies will be repaired or replaced to the satisfaction of the Contract Administrator, and at no expense.

Part 2 Products

2.1 MANUFACTURERS

- .1 Acceptable Products.
 - .1 Plastic Compartment Screens.
 - .1 Scranton Comtec Floor Mounted Solid Plastic Screen.

2.2 MATERIALS

- .1 Screens: 25 mm thick solid High Density Polyethylene (HDPE) resin with all edges uniformly machined to 6 mm radius, colour to be selected from manufacturer's standard colours. Screens to be 2132 mm (custom) above the finished floor.
- .2 Continuous Wall Brackets: heavy-duty anodized extruded aluminum 6463-T5 alloy.
- .3 Pilaster Shoes: 76 mm high one-piece molded HDPE plastic.

Part 3 Execution

3.1 INSTALLATION

- .1 Install compartments rigidly, straight, plumb, and level and in accordance with manufacturer's installation instructions.
- .2 Installation methods to conform to manufacturer's recommendations for backing and proper support.

3.2 CLEANING

- .1 Clean exposed surfaces of compartments, hardware, and fittings.

END OF SECTION