

Montgomery County Public Schools Facilities Guide

DIVISION 10 – SPECIALTIES

SECTION 10155

TOILET COMPARTMENTS

**PART 1 GENERAL**

1.01 GUIDE INCLUDES

DETERMINE FLAMMABILITY OF PRODUCT AND CODE REQUIREMENTS TO PREVENT IGNITION AT BOTTOM EDGE.

- A. Solid HPDE polymer plastic toilet partitions in student toilets.
- B. Urinal screens shall not be provided.

1.02 QUALITY ASSURANCE

- A. Employ only installers who are thoroughly trained and skilled in installation of polymer plastic partitions. Installer shall have successfully installed partitions for a minimum of 5 years.
- B. Take field measurements.

1.03 WARRANTY

- A. Furnish manufacturers guarantee for a minimum of fifteen (15) years against defects in materials and workmanship and rusting of hardware, accessories or other metal items and breakage of door hinges. Provide special warranty against staining by permanent marker.

1.04 SUBMITTALS

- A. Submit Shop Drawings.
- B. Submit location of manufacture and, if applicable, recovery of primary raw materials.
- C. Submit recycled-content, designating percentages of post-consumer and pre-consumer materials.

**PART 2 PRODUCTS**

2.01 MANUFACTURERS

- A. Yemm and Hart Green Material

Comment [SLE1]: IF you want to sole-source to 100% recycled product, then edits provided – if not, revert back to previous text.

2.02 MATERIALS AND HARDWARE

- A. Partitions, screens, pilasters, and doors shall be 100 percent post-consumer recycled solid high density polyethylene resin material 1 inch thick. Laminated partitions are not acceptable. Colors shall be dark or salt and pepper. Avoid solid light colors.
- B. Pilaster shoes: 4 inch polished stainless steel covering over aluminum angle. Anchor to floor with stainless steel bolts.
- C. Doors and Partitions: 1 inch thick with continuous aluminum heat zinc molding strip for the panel bottom. Except for handicap stalls, hinges shall be two - 4 inch Universal wrap around chrome plated nonferrous field set or 4 inch bright aluminum material with heavy duty pin set in factory. Handicap stalls shall have a continuous spring loaded stainless steel piano type hinge. Latch

shall be handicap accessible, (slide latch). Doors shall be accessible from the outside for emergencies.

- D. Size of partition
  - 1. Elementary - 55 inches high X length as required.
  - 2. Secondary - 58 inches high X length as required.
  - 3. Plastic toilet compartment panels shall be made from 100 percent post-consumer recycled material.
- E. Attachments: Partitions to be secured to pilasters and walls with continuous anodized aluminum channel at pilaster and continuous ear brackets at walls. Provide aluminum 1 inch wide heat strip at bottom of all doors and panels.
- F. Headrail: Heavy duty anti-grip bright anodized design and of type 6063 aluminum alloy secured with tamper resistant "torx" stainless steel screws.

### **PART 3 EXECUTION**

#### **3.01 INSTALLATION**

- A. Install partitions rigid, straight, plumb and level in accordance with manufacturer's printed instructions.
- B. Anchor parts with #14 X 1-3/4 inch "torx" head screws or sex bolts.
- C. Set hinges on in-swing doors to hold doors open approximately 30 degrees and outswing doors to return to closed position.
- D. Adjust as necessary to provide a free and easy operation.

**END OF SECTION**