

**SECTION 10 52 00**  
**Summit Plastic Lockers**  
(Solid Plastic HDPE Lockers)

**Part 1-General**

**1.01 Summary**

- A. Section includes:**  
Solid plastic HDPE lockers.

**1.02 Submittals**

- A. Submittals:** Comply with procedures and quantities as indicated in Division 1 Submittal Procedure Section.
- B. Shop Drawings:** Drawings showing individual locker construction, overall dimensions, including installation instructions, shall be submitted.

**1.03 Product Handling**

- A. Store locker components** flat until assembly. Protect all finishes from soiling and damage during handling.

**Part 2-Products**

**2.01 Materials**

- A. Solid Plastic locker shall be manufactured by Summit Lockers, Inc.** 138 McLeod Road, Columbia SC 29203 or a partner thereof. These specifications shall be regarded a minimum; lockers constructed of other materials, or material with a core and not of solid plastic, will not be acceptable.
- B. SIDES, SHELVES, TOPS AND BOTTOMS** shall be made from polymer resin formed under high pressure to solid plastic components 3/8" thick with a homogenous color.
- C. DOORS** shall be made from polymer resin formed under high pressure to a solid plastic component 1/2" thick with a homogeneous color.

- D. **DOOR FRAMES** shall be constructed from polymer resins formed under high pressure to a solid plastic component 1/2" thick with a homogeneous color.
- E. **MATERIAL TESTING:** All solid plastic components shall resist deterioration and discoloration when subjected to the following chemicals:  
Acetic Acid 80, Borax, Hydrochloric Acid 40, Soaps, Ammonium Phosphate, Citric Acid, Hydrogen Peroxide 30, Potassium Bromide, Acetone, Caustic Soda, Isopropyl Alcohol, Trisodium Phosphate, Bleach 12, Cooper Chloride, Lactic Acid 25, Sodium Bicarbonate, Ammonia Liquid, Chlorine Water, Nicotine, Urea and Urine, Brine, Core Oils, Lime Sulfur, and Vinegar. (Testing in accordance with corrosion-testing procedure established by The United States Plastic Corporation.)
- F. **CONTINUOUS LATCH** shall provide a finger-slide latching mechanism that is capable of accepting a padlock and is securely fastened to the door. Latch mechanism shall be attached to the entire length of the door, providing a continuous security latch.
- G. **DOOR HINGE** shall be continuous and integrate into the full length of the door and main locker body, made entirely from plastic without any steel or metal parts.
- H. **COAT HOOKS** shall be a two prong hook molded from solid plastic attached using hardware supplied by manufacturer. One coat hook shall be supplied per opening.
- I. **FINISH** shall be commercial grade smooth for tops, bottoms, side walls, shelves and frames, in the color white. Doors shall have a slightly textured finish to reduce marring and be from the manufacturers standard colors.

## 2.02 Fabrication

- A. Fabricate locker components square and rigid, with finish free from scratches and chips.
- B. Solid plastic components will be dado joined to provide a continuous, solid and secure joint that slides together for assembly.
- C. Locker sides and backs shall form a one-piece unit constructed from a single sheet of solid plastic requiring no hardware.
- D. Door Frames shall be bonded to locker bodies using plastic welding process.

## **Part 3-Execution**

### **3.01 Installation**

- A. Install lockers** at the location shown in accordance with the manufacturer's instructions for plumb, level, rigid and flush installations.
- B. Anchor the units** to the wall studs or masonry through the locker back and to the floor. Lockers are joined side by side with non-corrosive tamper resistant fasteners.
- C. Attach aluminum number plates** using hardware provided by the manufacturer after the lockers are in place.

## **Part 4-Warranty**

- 4.01** Locker manufacturer shall warranty the lockers for a period of 20 years against rust, delamination or breakage of any of the plastic components under normal use.

NOTE: Manufacturer reserves the right to modify the design and/or change specifications or color without prior notice.