

**SECTION 10 51 00
HDPE PLASTIC CUBBIES**

PART 1-GENERAL

1.01 Summary

- A. Section includes:**
Solid HDPE Plastic cubbies

1.02 Submittals

- A. Product Data:** Submit manufacturer's technical data for materials, fabrication, finishing, fastenings, hardware, and installation details.
- B. Shop Drawings:** Submit shop drawings indicating room sizes, layout, locker dimensions, material thickness, trim, hardware, finishes, locks, base, doors, accessories, and installation details.
- D. Samples:** Submit samples of edge details, colors, patterns, finishes, and textures.
- E. Closeout Documents:** Submit the following:
1. Operation and maintenance data
 2. Warranty

1.03 Quality Assurance

- A. Qualifications:**
1. Fabricator shall be capable of providing field service representation.
 2. Installer shall be approved by the manufacturer and be experienced in performing work of similar size and scope.
- B. Pre-installation Meeting:** Conduct pre-installation meeting prior to installation to verify project requirements and conditions.

1.04 Delivery, Storage and Handling

- A. Storage and Handling:** Store materials in an enclosed shelter providing protection from damage, temperature, humidity, and exposure to the elements.
- B. Delivery:** Deliver materials in the manufacturer's original protective packaging.

1.05 Coordination and Project Conditions

- A. **Field Measurements:** Before material fabrication, verify actual field measurements and show actual measurements on shop drawings.
- B. **Coordination:** Coordinate field measurements with fabrication schedule and construction progress to avoid construction delays.

1.06 Warranty

- A. Submit executed copy of the Summit Lockers 20-year warranty against defects in material signed by an authorized representative of Summit Lockers.

PART 2 – PRODUCTS

2.01 Solid HDPE Plastic Cubbies

- A. **Manufacturer:** Subject to compliance with requirements, provide lockers by one of the following. Prior approvals must be received 30 days prior to bid.
 - 1. Summit Lockers Inc.
- B. **Basis of Design:** Summit Solid Phenolic/HDPE lockers, cubbies, benches and accessories as manufactured by Summit Lockers Inc. (138 McLeod Road, Columbia, SC 29203, 803-403-8816, info@summitlockers.com)

2.02 Materials

- A. **Cubbie Construction**
 - 1. Tops, bottoms, and intermediate shelves: Minimum 3/8" (9.5mm) thick solid HDPE Plastic material with ventilation holes.
 - 2. Locker sides and backs: Minimum 3/8" (9.5mm) thick solid HDPE Plastic material.
 - 3. Locker mounting cleats: Minimum 3/8" (9.5mm) thick HDPE Plastic. (2) Mounting cleats are required for wall mounted installations.
 - 4. Colors: Single color available in a full range of HDPE Colors – refer to color chart for available colors
 - 5. Exposed edges: Straight profile; eased edges to remove sharpness; machine polished and free from tooling imperfections.
- B. **Hardware**
 - 1. **Interior Side hooks:**
 - a. Material: Stainless steel. Plastic and nylon hooks are not acceptable.
 - b. Two per opening for all openings 30" tall or greater.
 - 2. **Fasteners:** All fasteners shall be stainless steel.

2.03 Accessories and Options

A. Finished Cubby Top: (*Choose one*, standard top is default)

- a. Standard top (flat-unfinished): Cubby top is white body material.
- b. Flat top: ½" solid HDPE Plastic top color matched with lockers and installed flat.
- c. Sloped top: ½" solid HDPE Plastic top color matched with lockers and installed at a 20° rise from front to back, using an extruded aluminum channel across the front

B. Plastic Base: Plastic base.

Part 3 – Execution

3.01 Examination: Examine site conditions before cubbies installation. Notify architect of unacceptable areas. Do not install cubbies until unacceptable conditions have been corrected.

3.02 Installation

- A. Install cubbies in locations as shown on shop drawings per manufacturer's instructions.
- B. Install cubbies installed secured, plumb, level, square, and flush. Base by others must be flat and level.
- C. Install all required trim, fillers, end panels, and closures per manufacturer's instructions.
- D. Use hardware supplied or recommended by the manufacturer.
- E. Correct and/or replace damaged components as directed by architect.

3.03 Adjustment

- A. Adjust doors and locks for smooth operation without binding.
- B. Lubricate door hinges and locks per manufacturer's instructions.

3.04 Cleaning

- A. Clean all surfaces in accordance with manufacturer's instructions.
- B. Do not use abrasive cleaners.

End of Section