

SECTION 10 51 00
SOLID PHENOLIC PASS THROUGH LOCKERS

PART 1-GENERAL

1.01 Summary

- A. Section includes:**
Solid phenolic pass through lockers & Storage 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.
- C. Samples:** Submit samples of edge details, colors, patterns, finishes, and textures.
- D. 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 Phenolic Pass Through Lockers

- A. **Manufacturer:** Subject to compliance with requirements, provide lockers by one of the following. Prior approvals submitted to contractor 30 days prior to bid will be considered.
 - 1. Summit Lockers Inc.
 - 2. Clubline Lockers.
 - 3. Spectrum Lockers.
- B. **Basis of Design:** Summit Solid Pass Through Phenolic lockers as manufactured by Summit Lockers Inc. (138 McLeod Road, Columbia, SC 29203, 803-403-8816, info@summitlockers.com)

2.02 Materials

- A. **Panel Material:**
 - 1. Decorative papers impregnated with a melamine resin on faces with a clear protective overcoat and integrally compression molded within a core consisting of solid phenolic impregnated kraft papers.
 - 2. Fire Rating: Core or panel material shall meet fire Class B resistance per ASTM E84
- B. **Doors, End Panels, Filler Panels, Sloped Top & Ancillary Panels:**
 - 1. Material thickness: 1/2" (13mm) thick solid phenolic composite material.
 - 2. Corners: Eased edges
 - 3. Door Fastening: Blind fastening unless through bolts are requested
 - 4. Color: Wilsonart
- C. **Locker Body Construction**

1. Tops, Bottoms, and Shelves: Minimum 3/8" (10mm) thick solid phenolic composite material with ventilation holes.
2. Adjustable shelves. Minimum 1/2" (12mm) thick solid phenolic with pin-secure cutouts. .2" diameter stainless steel pins.
3. Sides: Minimum 3/8" (10mm) thick solid phenolic composite material.
4. Support Cleats: Minimum 1/2" (12mm) thick solid phenolic.
5. Mortise & Tenon Joints: All tops, bottoms and shelves use mortised joints and are secured with mechanical fasteners.
6. Exposed edges: Straight profile; eased edges to remove sharpness; machine polished and free from tooling imperfections.
7. Color: Wilsonart 1573 Frosty White.

E. Hardware

1. **Hinges:** Concealed 6-Knuckle Stainless Steel hinge. Opens 90°. Include three (3) hinges for doors > 36" tall or two (2) for all other heights.
2. **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.
3. **Fasteners:** All fasteners shall be stainless steel.
4. **Door Identification Plates:**
 - a. Material: 1" x 2" stainless steel engraved tags secured w/ brads.
 - b. Fonts to be a minimum 1/2" high and up to four characters.
 - c. Numbering sequence to be provided by architect.
5. **Door Locks:**
 - a. Mechanical Assigned Use lock from Ojmar. Front and back door locks must have the same access code.

F. Ventilation

1. **Vertical ventilation:** Provide six 5/16" (8mm) diameter ventilation holes on tops, bottoms, and intermediate shelves. Provide three 5/16" (8mm) diameter ventilation holes on "Z" type intermediary shelves.
2. **Horizontal ventilation:** Provide ventilation around the edge of the door equal to at least 1.43 square inches of ventilation surface area per linear foot of door perimeter.

Part 3 – Execution

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

3.02 Installation

- A. Install lockers in locations as shown on shop drawings per manufacturer's instructions.

- B. Install lockers 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. Attach number plates to doors as indicated on shop drawings.
- F. 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