



1027 S. LINWOOD AVE. SANTA ANA, CA 92705
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Solid Phenolic Lockers

A. **Basis of Design:** Drawings and specifications are based on Accu Tec Manufacturing's lockers.

B. **Manufacturer and Fabricator:**

ACCU TEC MFG, INC.

1027 South Linwood
Santa Ana, Ca. 92705
P714- 549-2015
F714-549-2087

Materials

A. **Panel Material:**

1. Material is composed of melamine-impregnated decorative surface papers that are fused under extreme heat and pressure with a wide-ranging number of phenolic resin saturated kraft core papers. Material is ideal for places where heavy use and frequent cleaning is expected. All material is produced in the USA from any of the many solid phenolic manufacturers (see note A.3 for various manufacturers).

2. **Fire Rating:** Standard solid phenolic core or panel material shall meet fire Class B resistance per ASTM E84. (Class A fire resistance per ASTM E 84 also available with an extended lead time)

3. **Colors:**

- a. Core: Black
- b. Locker Interior: White
- c. Exterior locker: T.B.D.

- Colors to choose from: **Wilsonart®**

Formica®

Pionite®

Nevamar®

Note: Doors and supplementary panels are available in a wide spectrum of colors by the above mentioned solid phenolic manufacturing companies at extended lead time. A readily available stocking number of phenolic colors are available in a shorter lead time. Contact the manufacturer for any questions relating to color lead time prior to production.

B. **Doors:**

- 1. **Material:** To be made of 1/2" (13mm) thick solid phenolic composite material.
- 2. **Corners:** Rounded
- 3. **Edges:** Eased edges, sanded, and free from tooling flaws and chamfered
- 4. **Limit Arm (optional):** Stainless steel 316 limit arm to allow maximum opening to 90 degrees is optional.

5. **Door Fastening:** Blind fastening is standard unless requested otherwise. Other option would be through-bolting (optional) which is recommended for areas where there is a high volume of traffic and where vandalism might occur.

C. Locker Bodies:

1. Exposed edges: Exposed edges to have straight profile and to be eased to remove sharpness.
2. Tops, bottoms, and intermediate shelves: To be made of 1/2" (13mm) thick solid phenolic composite material with ventilation holes.
3. Locker backs: 1/4" (5 mm) thick solid phenolic composite material.
4. Locker Sides: 3/8" (8mm) thick solid phenolic composite material.
5. All phenolic panel edges are black.

Note: All locker bodies are sectional and can stand alone as a single unit. Locker body side panels have exposed fasteners. Finished single and double end panels conceal fasteners when locker side is visible from the given layout conditions. Filler panels are used to enclose exposed fasteners when locker side meets a corner or wall. Either finished end panels and/or filler panels are required for a finished installation.

D. **Auxiliary Panels:** Finished single and double end panels as well as slope tops shall be made of 1/2" (13mm) thick solid phenolic composite material from a wide spectrum of colors.

E. Hardware

1. Hinges:

- a. Material: 304-grade stainless steel.
- b. Quantity: Three (3) for full height doors and two (2) for multi-tier units.

2. Interior hooks:

- a. Material: Nylon grey or Stainless Steel
- b. Top Hook: Two prong: one per opening for 1, 2, and "Z" tiers.
- c. Side Hook: Single prong: two per opening for 1, 2, and "Z" tiers.

3. **Retaining Bar (optional):** Provide stainless steel limit arm opening no more than 90 degrees.

4. **Fasteners:** Exposed fasteners shall be made of 316-grade stainless steel. Fasteners to be applied directly into or through the material.

5. **Door Identification (identification plates):** Black number plates with white engraved numbers to be provided and mounted on the surface of the door with permanent adhesive.

- a. Numbering sequence to be provided by architect.

F. Ventilation

1. **Interior Vent:** Six 3/8" (10mm) diameter ventilation holes to be provided on tops, bottoms, and intermediate shelves. Three 3/8" (10mm) diameter ventilation holes to be provided on "Z" type intermediary shelves.

2. **Door Vent (optional):** Door vents are optional, and architect will provide desired amount of venting if required.

G. Base Options

1. Base not furnished with locker: mounted on a concrete base, curb mounted (by others)

2. Base furnished with locker: Adjustable plastic mounting-leveling leg mounted: 3 ¾" adjustable to 5", with a solid phenolic kick plate.

Accessories and Options

A. Available Locking Systems:

1. Hasp for padlock (standard)
2. Kinston® spring-bolt key lock
3. Digilock® security digital keypad lock
4. MasterLock® built-in combination lock
5. Keyless 1
6. Other locks requested by architect

B. Locker Top: Flat tops are standard and are made of ½" (13 mm) thick solid phenolic material. Slope tops are optional and are also made of ½" (13 mm) thick solid phenolic material. Specify which types of tops are desired.

C. Door Identification:

1. Material: Number plates to be made of black plastic with white font.
Optional: brushed stainless steel plastic number plate with black font also available at customer's request
2. Number fonts to be a minimum 1/2" high and up to four alphanumeric characters
3. Numbering sequence to be provided by architect.

D. Hang Rod: To be chrome plated.

Execution

I. Inspection: Inspect location conditions before installation of lockers, single/double end panels, and fillers. Notify architect of unacceptable areas prior to installation. Do not install lockers and others auxiliary panels until acceptable conditions have been met.

II. Installation

- A.** Install lockers in locations as shown on shop drawings per manufacturer's instructions or layouts provided by architect.
- B.** Install lockers vertical, level, square, firm, and flat.
- C.** Install all required tops, fillers, end panels, and phenolic skirt 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.

Modification

- A.** Modify doors and locks for smooth action without binding.
- B.** Oil door hinges and locks per manufacturer's instructions, if needed for proper function of doors and locks.

Cleaning

- A.** Clean all surfaces in accordance with manufacturer's instructions as seen in the manufacturer's warranty.
- B.** Do not use abrasive cleaners as these will most likely damage the appearance and natural color of the solid phenolic material.

End of Section

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