

ACCU TEC MANUFACTURING, INC
1027 SOUTH LINWOOD AVE
SANTA ANA, CA. 92705
PH 714-549-2015
FAX 549-2087

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. Decorative papers impregnated with the melamine resin on faces with a clear protective overcoat and integrally compression molded within a core consisting of solid phenolic impregnated kraft papers.
- Specifier Note:** Panel Material is available in Class B or Class A fire rating (ASTM E 84). Select from either option. Class A is available made to order at extended lead time.
2. Core or panel material shall meet fire resistance per ASTM E84 (Class B) (Class A).
 3. **Colors:**
 - a. Core: Black
 - b. Locker Interior: White
 - c. Exterior locker TBD

Specifier Note: Doors and ancillary panels are available in a wide range of colors at extended lead time. A standard stocking range is available in a shorter lead time. Consult with the manufacturer to avoid construction delays.

c. Doors and Ancillary Panels: (Manufacturer's quick ship color collection color range) (Manufacturer's full color range. Extended lead time color collection).

B. Doors:

1. Material: 1/2" (13mm) thick solid phenolic composite material.
2. Corners: Rounded
3. Edges: Crescent profile; machine polished and free from tooling imperfections
4. Limit Arm: Provide stainless steel 316 limit arm to allow maximum opening to 90 degrees.

Specifier Note: Doors can be attached to hinge through-bolting (standard) or blind fixing (optional). Through-bolting is recommended for vandal-prone and high traffic areas. Blind fixing is recommended only for light duty areas where vandalism is not of concern.

5. Door Fastening: (Through Bolted) (Blind Fixing).

C. Locker Bodies

1. Exposed edges: Straight profile; eased edges to remove sharpness; machine polished and free from tooling imperfections.
2. Tops, bottoms, and intermediate shelves: 1/2" (13mm) thick solid phenolic composite material with ventilation holes.
3. Locker backs: 1/4" (5 mm) thick solid composite material.
4. Locker Sides: 3/8" (8mm) thick solid phenolic composite material.

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

D. Ancillary Panels: Finished end panels and closures shall be 1/2" (13mm) thick solid phenolic composite material

E. Hardware

1. Hinges:

- a. Material: 316-grade stainless steel.
- b. Quantity: Three (3) for full height doors and two (2) for multi-tier units.

2. Interior hooks:

- a. Material: 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: Provide stainless steel limit arm opening no more than 90 degrees.

4. Fasteners: Exposed fasteners shall be 316 stainless steel

5. Fastener Application: Apply directly into or through the material.

6. Other Reinforcement: Aluminum or metal profiles for reinforcements shall not be permitted.

7. Door Identification (identification plates):

F. Ventilation

1. Interior Vent: Provide six 3/8" (10mm) diameter ventilation holes on tops, bottoms, and intermediate shelves. Provide three 3/8" (10mm) diameter ventilation holes on "Z" type intermediary shelves.

2. Door Vent: Provide minimum of 20 squares inches opening of front ventilation for full tier 12" wide x 72" high. For other styles, provide front ventilation 1.43 square inches per lineal foot of door perimeter.

G. Base

Specifier Note: Edit this paragraph to indicate curb type(s) and indicate on plans.

1. Base not furnished with Locker: (Curb mounted) (_____)

2. Base furnished with locker: Adjustable leg mounted: 3 3/4" adjustable to 5", ABS plastic mounting-leveling leg.

Accessories and Options

Specifier Note: Select required accessories and delete items not required. Consult manufacturer for accessory recommendations.

Specifier Note: Choices of locking options are available to meet the various needs of locker users. Consult with manufacturer for lock selection recommendation. Specify lock selection(s) and indicate on plans where applicable.

- A. **Locking System:** (Hasp for padlock) (Kenstan® spring-bolt key lock) (Digilocks security) (MasterLock® built-in combination lock) (_____).

Specifier Note: Sloping tops are optional, flat tops are standard and are included as part of the locker body. Specify sloped or flat tops.

- B. **Locker Top:** 1/2" top shall be Flat (Sloped width 1/2" (13 mm) thick solid phenolic composite material).

C. **Door Identification:**

1. Number Plates: (Identification plates to be stainless steel with engraved numbers and surface mounted with permanent adhesive integral with the locking mechanism) (Brushed Aluminum Disk 1-1/2" diameter with permanent adhesive) (Brass Disk 1-1/2" diameter with permanent adhesive) (Stainless Steel Disk 1-1/2" diameter with permanent adhesive). (Optional: plastic plate with black background with white font.)
2. 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:** Chrome plated **zinc, galvanized, cadmium-coated steel**

- E. **Additional Door Ventilation:** (Holes through door in (diamond) (circle) pattern) (_____).

Execution

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

II. **Installation**

- A. Install lockers in locations as shown on shop drawings per manufacturer's instructions.
- B. Install lockers plumb, level, square, rigid, and flush.
- 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.

Adjustment

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

Cleaning

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

End of Section