

AIA SPECIFICATIONS

SECTION 10500 - WOOD LOCKERS

Requirements of Divisions 0 and 1 apply to work of this Section.

1.0 GENERAL

1.1 Scope of Work Included:

The furnishing and installation of prefabricated WIC type I multiple self-supporting modular water resistant, fire retardant plastic laminated lockers.

1.2 Related Work Specified Elsewhere:

- A. Architectural Woodwork - Section 06400
- B. Wood and Plastic Doors - Section 08200
- C. Wood Windows - Section 08210

1.3 Standards:

Minimum standard for water resistant, low pressure plastic laminate lockers shall conform to WIC "Manual of Millwork" latest edition.

1.4 Quality Assurance:

All parts and hardware shall be WIC compliant, structurally sound and free from defects in material and workmanship under normal use and service for a period of one (1) years. All lock parts to be warrantied for a period of one (1) year.

1.5 Submittals:

- A. Submit two copies of WIC compliant shop drawings for all items of finish work before fabrication.
- B. Manufacturer's descriptive data of all materials and products construction, overall dimensions for installation of lockers, accessories, and trim.
- C. Submit 3 color samples of laminate specified.

1.6 Product Handling, Delivery & Storage:

Deliver all lockers when project construction is ready for installation. Store lockers in dry, ventilated area and protect all finishes from soiling and damage during handling.

2.0 PRODUCTS

2.1 Grades:

Furnish Image 1000 Series furniture grade, low-pressure melamine laminated lockers in accordance with WIC "Manual of Millwork", Section 15 - Plastic Covered Casework for Custom and Premium Grades.

2.2 Acceptable Manufacturer:

Ideal Products, Inc., P.O. Box 4090, Ontario, CA 91767. Lockers to be Image 1000 Series.

2.3 Materials:

A. Locker Interior:

1. Interior vertical surfaces of sides and back panel are finished with 6 mil frosty white vinyl.
2. Interior horizontal surfaces of shelves, tops and bottoms are finished with black thermal-fused melamine.
3. Locker frame constructed of 48 lb. industrial grade particle board core ANSI A208.1, grade 1-M-2, 45 (Sides = 5/8", Shelves = 3/4", Back = 1/4").
4. Frame edged for 1000 Series with 13/16" convex face, center barb, polyethylene vinyl T-molding with choice of colors: black, grey, white, sand & brown (VT).
5. Locker venting through rear panel 32m system.

B. Doors, End Panels, Sloped Tops:

1. Thermal Fused Melamine low pressure, plastic laminate 3/4" STD PB, UL & HPMA.
2. Radius corners for 1000 Series edges finished with 13/16" convex face, polyethylene Vinyl T-molding (VT).
3. Substrait 3/4" thickness 48 lb. industrial grade particle board 1-M-2, 48

2.4 Hardware:

A. Hinges, heavy duty.

Black 180 degree opening 23/4" exposed five knuckle (EH)

B. Locks, heavy duty, specify:

1. Padlock hasps either recessed (RP) or surface (SP) mounted through-bolted, case harden and cadmium plated steel.
2. Keyed Locks (KL), heavy duty cam operated, chrome, brass or black finish, 2 keys per lock and master keyed, and select KD100, KD400, KD1000.
3. Dial Combination with changeable codes and master keyed bypass (DC).
4. Pushbutton Combination lock sets with over 2000 different combinations either satin chrome or brass finish (PC).
5. Coin Collect (CC), Coin Return (CR), Token (TO) and Card Operated (CO).

C. Cloths Hooks, aluminum or brass finished:

1. Side mounted double or single prong.

2. Ceiling mounted double prong.

D. Number Disc: 1 1/4" diameter, 1/4" numerals recessed flush in door, satin chrome, satin brass and black.

2.5 Fabrication:

- A. Lockers shall be fabricated using blunt joint and t-head 2" galvanized nail and screw construction.
- B. Fabricate lockers square, rigid and without warp.
- C. Machine all parts and attachment holes accurately and chip free.
- D. Fabricated corners, fillers, scribes, tops as required for installation.

3.0 EXECUTION

3.1 Construction:

Conform to requirements of WIC "Manual of Millwork", latest edition, for joinery requirements using blunt joint, nail and screw.

3.2 Installation:

- A. Install lockers at the locations shown in accordance with manufacturer's instructions for plumb, level, rigid and flush installation.
- B. Lockers can be easily installed on standard prefabricated bases as supplied by manufacturer allowing for 2" toe kick.
- C. Fasten locker frames to each other with chromium plated t-nuts and hex head screws through holes per drilled at factory.
- D. Secure banks of lockers every 4 feet to walls or wall studs for earthquake resistance with straps as supplied by manufacturer.
- E. Install end and corner fillers and caps, cut to size in field per plans.
- F. Install end panels, sloped tops, finished tops.
- G. Install number discs, clean lockers, remove all related trash and debris from jobsite.

3.3 Clean-Up:

Upon completion of the work, remove surplus materials, rubbish and debris resulting from the operations under the section, including equipment and implements of service, and leave the entire structure and site insofar as the work of this section concerned in a neat, clean, and acceptable condition.

PRODUCT SPECIFICATIONS

1. Frame Components

- a. Sides = 5/8" 48 lb. density industrial grade 1-M-2, 45 particle board, .006" frosty white low pressure laminated vinyl.
- b. Shelves = 3/4" 48 lb. density industrial grade 1-M-2, 45 particle board, black thermal fused melamine.
- c. Backpanel = 1/4" 48 lb. exterior grade medium density fiberboard, .006" frosty white low pressure laminated vinyl, ventilated.

2. Frame Construction = Blunt joint, 2" t-head nail and screw.

3. Edging (select one)

- a. 1000 Series includes 13/16" convex face, center barb, polyethylene Vinyl T-molding (VT) with color choices of black, white, grey, tan, or brown.

4. Hinges (select one)

- a. 1000 Series includes heavy duty, 23/4" five knuckle exposed, institutional style hinges, black enamel finish. (EH)

- 5. Doors = 3/4" thick thermal fused melamine low-pressure plastic laminated two sides and 48 lb. industrial grade 1M2 particle board core. Limited color selection.

ORDERING INSTRUCTIONS

Examples: Image 1000 Series, Model B, 12 x 18 x 72", ME, KL, EH, VT or (1) (2) (3) (4) (5) (6) (7)
Image 1000 Series, Model F, 12 x 12 x 72", ME, RP, EH, VT

- (1) Specify Image 1000 for Economy Grade, low-pressure plastic laminate locker. 1000 Series includes (VT) Vinyl T-molding and (EH) Exposed knuckle Hinges.
- (2) Select the style and size locker compartment such as Model B, our standard double tier or Model F, our purse size lockers.
- (3) Confirm the frame dimensions: Width x Depth x Height.

WARRANTY

We guarantee our products to be free of defects limited to three years from original date of purchase on workmanship and materials used during construction.

DETAIL & SUPPORT DATA

Due to the nature of manufacturing custom-designed lockers, lead times will vary between four to six weeks. The policy has been established for quoting on an individual basis. Prices are determined by locker style and configuration, door material, lock requirements and quantity or size of order.

- (4) Select Melamine (ME) as your exterior surface and choose from 40 standard factory colors.
- (5) Specify Locks. (RP) = Recessed Padlock Hasp, (PC) = Pushbutton Combination, (DC) = Dial Combination, (CL) = Card Lock (CO) = Coin-Operated, (CC) = Coin-Collect, (KL) = Keyed.
- (6) Specify Hinges. (EH) = Exposed Knuckle.
- (7) Specify Edging. (VT) = Polyethylene Vinyl T-molding: Black, White, Grey, Tan or Brown.

