Architectural Specifications, Section 10500 Plastic Laminate Lockers

Hollman, Inc., 1825 W. Walnut Hill Lane, Irving, TX 75038, (972) 815-4000, www.hollman.com

1.0 GENERAL

1.1 SECTION INCLUDES

A. Custom plastic laminate lockers and accessories.

1.2 RELATED SECTIONS

A. Section 10500 – Wood blocking and curbing: Wood grounds and attachment strips.

B. Section 10500 – Finish carpentry: Related trim not specified in this section.

1.3 REFERENCES

A. Minimum standard for wood lockers shall conform to AWI (Architectural Woodwork Institute) Architectural Woodwork Quality Standards Illustrated.

1.4 QUALITY ASSURANCE

A. All parts and hardware shall be AWI compliant, structurally sound and free from defects, in material and workmanship under normal use and service for the full warranty period.

1.5 SUBMITTALS

A. Product Data: Available upon request, including:

1. Preparation instructions and recommendations.
2. Storage and handling requirements and recommendations.
3. Installation methods.
4. Product date specific to materials used in construction of locker.

B. Shop Drawings: Indicate locker plan layout for Hollman contracted installations, component profiles and elevations, schedule of finishes, and accessories.

1.6 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Store products in a dry, ventilated area until ready for installation.

B. Protect finishes from moisture, soiling and damage during handling.

1.7 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

B. During and after installation, maintain same temperature and humidity conditions in building spaces as will occur after occupancy.

C. Protect locker finish and adjacent surfaces from damage.

2.0 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer: Hollman Inc.; 1825 Walnut Hill Lane, Irving, TX 75038, Toll Free(800) 433-3630, Fax (972) 815-2921, Email: lockers@hollman.com.

B. Substitutions: Not permitted.

C. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 MATERIALS

A. Locker Frame: Tops, sides, and back shall be constructed of 5/8" high density thermo-fused melamine.

1. Expansion / contraction within +/- 1/16" per locker.

B. Available Locker Models:

1. Single tier, Model A: 1-Top Shelf, 1-Coat Rod, 1-Coat Hook
2. Double tier, Model B: 1-Coat Rod, 1-Coat Hook
3. Triple tier, Model C: 2- Coat Hooks

4. Four tier, Model D
5. Five tier, Model E
6. Six tier, Model F

C. Visible Edges: Sealed with a 1.5 millimeter PVC edge banding to closely match locker doors

D. Locker Doors:

1. Laminate: 5/8 inch high-industrial grade particle board core with .030 inch vertical grade high pressure Class II-B fire retardant plastic laminate.

Matching laminate applied to interior & exterior door face.

a. Door edges sealed with eased edge 1.5 mm PVC edge banding to closely match laminate.

E. Standard hardware:

1. Number disk, 1-1/2" Dia. flush mounted disc with 3/8" high contrast digits. US Block 1L font.
2. Coat Rod, 1" Dia. recessed rod.
3. Coat Hook(s), 2-prong metal hooks.
4. Hinges are nickel finished, concealed, heavy duty European steel allowing 110 degree door opening with a limited lifetime warranty.

a. 4 hinges per door 60" H & over.
b. 3 hinges per door 36" – 59" H.
c. 2 hinges per door 35" H & under.

F. Locks: Centered vertically in door & spaced horizontally per lock type.

G. Venting: 12 millimeter openings between door and top and bottom of locker and dividers on multiple opening frames provide continuous natural air flow.

2.3 FABRICATION

A. Locker shall be fabricated using doweled and glued & nailed assembly process.
B. Fabricate lockers square, rigid and without warp, with the finished faces flat and free of scratches and chips.
C. Machine all parts and attachment holes accurately and without chips.

3.0 EXECUTION

3.1 EXAMINATION

A. Do not begin installation until adjacent substrates and finishes have been properly prepared.
B. Verify prepared bases are in correct position and configuration.
C. If preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

A. Clean surfaces thoroughly prior to installation.
B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
C. Verify adequacy of backing and support framing.

3.3 INSTALLATION

A. Install in accordance with manufacturer's instructions.
B. If Hollman is not contracted for installation, client must unload lockers from the delivery truck.
C. Set and secure lockers in place; rigid, plumb, and level.
D. Use concealed joint fasteners to align and secure adjoining cabinet units.
E. Conceal screw heads with plastic caps to match locker interior.
F. Secure lockers with anchor devices to suit substrate materials. Minimum Pullout Force: 100 lb (445 N).
G. Install end panels, filler panels, tops and bases as indicated on the approved shop drawings.
H. Install accessories.

3.4 ADJUSTING

A. Adjust moving or operating parts to function smoothly and correctly.

3.5 CLEANING

A. Clean locker interiors and exterior surfaces.

3.6 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

Hollman reserves the right to change the design or specifications to improve the product or process at anytime, without notice.