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Plastic Laminate Lockers

A. Material: All materials shall be manufactured from density resin impregnated particle board. Decorative high-pressure laminate 0.028 thick is applied to the particle board using a nontoxic water adhesive under high pressure. All materials to be edge banded to provide maximum protection against moisture and vandalism.

B. Doors: Shall be made from $\frac{3}{4}$ " (20mm) thick material as above, edges sealed with eased edge 1.0 mm PVC edge banding to closely match laminate. Colors and patterns shall be selected from panel manufacturer's standards.

C. Locker Bodies: Tops, bottoms, and any intermediate shelves for multi-tier lockers shall be $\frac{3}{4}$ " (20mm) thick material as above. Locker backs shall be $\frac{1}{2}$ " (6mm) thick as above and made of frosty white low pressure laminated vinyl. Side panels shall be $\frac{3}{4}$ " (20mm) thick as above. Fasteners shall be applied directly into or through the material. Aluminum or metal profiles for reinforcements shall not be permitted. All shelves, tops, and bottoms are $\frac{3}{4}$ " thick.

D. Ancillary Panels: Finished end panels and closures shall be $\frac{3}{4}$ " (20mm) thick.

Sloping tops and toe kicks, if any, shall be $\frac{3}{4}$ " (20 mm) thick as above.

E. Hardware

1. Hinges: Hinges are nickel finished, concealed, heavy duty European steel allowing 110-degree or 125-degree door opening with a limited lifetime warranty.
 - a. 3 hinges per door 37" H -- 72" H.
 - b. 2 hinges per door 36" H & under.
2. Locks: Centered vertically in door & spaced horizontally per lock type.
3. Venting: $\frac{1}{4}$ " space between the back of the doors and locker body to provide continuous natural air flow.
4. Locking System: Locks: Centered vertically in door & spaced horizontally per lock type. choice of Swivel preparation (for padlock by others), Kenstan (high security) key locks, Digilock Share Use, Keyless 1, or Master Lock built-in combination lock.
5. Door Identification (identification plates): Identification plates to be black background with white fonts or satin stainless with black background and surface mounted with permanent adhesive, fonts to be $\frac{1}{2}$ " high and up to four alphanumeric characters.
Numbering sequence to be provided by architect.
6. Coat hooks: three prong aluminum, two prong aluminum and single prong aluminum, or single prong stainless steel and two prong stainless steel
7. Hang Rod: Chromed (optional at additional cost).

F. CONSTRUCTION

Construction: Conform to requirements of WIC “Manual of Millwork”, latest edition, for joinery requirements using blunt joint, nail and screw.

G. EXECUTION

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

H. PREPARATION

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

I. INSTALLATION

1. Install in accordance with manufacturer’s instructions.
2. Set and secure lockers in place; rigid, plumb, and level.
3. Use concealed joint fasteners to align and secure adjoining cabinet units.
4. Conceal screw heads with plastic caps to match locker interior.
5. Secure lockers with anchor devices to suit substrate materials. Minimum Pullout Force:100 lb
6. Install end panels, filler panels, tops and bases as indicated on the approved shop drawings.
7. Install accessories.

J. ADJUSTING

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

K. CLEANING

1. Clean locker interiors and exterior surfaces.

L. PROTECTION

1. Protect installed products until completion of project.
2. Touch-up, repair or replace damaged products before Substantial Completion.

End of Section