

SECTION 10 5100

LOCKERS

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Metal lockers.

1.2 RELATED REQUIREMENTS

1.3 REFERENCE STANDARDS

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2013.

1.4 SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's published data on locker construction, sizes and accessories.
- C. Shop Drawings: Indicate locker plan layout.
- D. Samples: Submit two samples of each color scheduled.
- E. Manufacturer's Installation Instructions: Indicate component installation assembly.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Protect locker finish and adjacent surfaces from damage.

PART 2 - PRODUCTS

2.1 LOCKER APPLICATIONS

- A. Wardrobe Lockers: Two tier metal lockers, wall mounted with matching closed base.
 - 1. Width: 9 inches (225 mm).
 - 2. Depth: 12 inches (300 mm).
 - 3. Height: 72 inches (1,830 mm).
 - 4. Fittings: Hat shelf, 2 coat hooks.
 - 5. Locking: Padlock hasps, for padlocks provided by Owner.

2.2 METAL LOCKERS

- A. Lockers: Factory assembled, made of formed sheet steel, ASTM A653/A653M SS Grade 33/230, with G60/Z180 coating, stretcher leveled; metal edges finished smooth without burrs; baked enamel finished inside and out.
 - 1. Color: To be selected by Architect.
- B. Locker Body: Formed and flanged; with steel stiffener ribs; electric spot welded.
 - 1. Body and Shelves: 24 gage, 0.024 inch (0.6 mm).
 - 2. Base: 20 gage, 0.036 inch (0.9 mm).
 - 3. Metal Base Height: 4 inch (100 mm).
- C. Frames: Formed channel shape, welded and ground flush, welded to body, resilient gaskets and latching for quiet operation.
 - 1. Door Frame: 16 gage, 0.060 inch (1.5 mm), minimum.
- D. Doors: Hollow double pan, sandwich construction, 1-3/16 inch (30 mm) thick; welded construction, channel reinforced top and bottom with intermediate stiffener ribs, grind and finish edges smooth.
 - 1. Door Outer Face: 18 gage, 0.048 inch (1.2 mm), minimum.
 - 2. Door Inner Face: 20 gage, 0.036 inch (0.9 mm), minimum.

- 3. Form recess for operating handle and locking device.
- 4. Provide ventilation slots in top and bottom of door.
- E. Hinges: Two for doors under 42 inches (1 050 mm) high; three for doors over 42 inches (1 050 mm) high; weld securely to locker body and door.
 - 1. Hinge Thickness: 14 gage, 0.075 inch (1.9 mm).
- F. Sloped Top: 20 gage, 0.036 inch (0.9 mm), with closed ends.
- G. Trim: 20 gage, 0.036 inch (0.9 mm).
- H. Coat Hooks: Stainless steel or zinc-plated steel.
- I. Number Plates: Provide each locker with a polished aluminum number plate, 2-1/4 inches (57 mm) wide by 1 inch (25 mm) high, with black numerals not less than 3/8 inch (9.5 mm) high.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that prepared bases are in correct position and configuration.
- B. Verify bases and embedded anchors are properly sized.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install lockers plumb and square.
- C. Place and secure on prepared base.
- D. Secure lockers with anchor devices to suit substrate materials. Minimum Pullout Force: 100 lb (445 N).
- E. Bolt adjoining locker units together to provide rigid installation.
- F. Install end panels, filler panels, and sloped tops.
- G. Install accessories.
- H. Replace components that do not operate smoothly.

3.3 CLEANING

- A. Clean locker interiors and exterior surfaces.

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