



SECTION 10 51 43

Stor-More® Framed Welded Wire Tenant Storage Lockers

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Stor-More® Tenant Storage Locker framed welded wire mesh.
 - 1. Single Tier.
 - 2. Double Tier.

1.2 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Installation methods.
- C. Shop Drawings: Provide plan of locker lay-out with relation to supporting and enclosing structure. Single locker isometric view with material call-out shall be included.

1.3 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 10 year experience manufacturing similar products.
- B. Installer Qualifications: Minimum 2 years experience installing similar products.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- B. Handling: Handle materials to avoid damage.

1.5 PROJECT CONDITIONS

- A. Do not install products under environmental conditions outside manufacturer's recommended limits.
- B. Do not store outside or allow to get wet.

1.6 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Folding Guard, which is located at 5858 West 73rd Street, Bedford Park, IL 60638; Tel: 800.622.2214; Fax: 708.325.0450; Email: sales@foldingguard.com
- B. Web: <http://www.foldingguard.com>.
- C. Substitutions: Not permitted.
- D. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 Framed Welded Wire Locker Styles

- A. Locker Assembly: Model Stor-More® Tenant Storage Locker as manufactured by Folding Guard.
- B. Standard Model Dimensions (specify as required):
 - 1. Height:
 - a) 92.5 inches (2350mm). With locker top 93.25 inches (2369mm)
 - b) Custom height (specify _____).
 - 2. Width and Depth (nominal; specify one or more of the following):
 - a) 36 inches wide by 37 inches deep (914 mm by 938 mm).
 - b) 36 inches wide by 49 inches deep (914 mm by 1238 mm).
 - c) 48 inches wide by 49 inches deep (1219 mm by 1238 mm).
 - d) 48 inches wide by 60 inches deep (1219 mm by 1538 mm).
- C. Standard Door and Shelf Configuration (specify as required):
 - 1. Front Door
 - a) Single door.
 - i. No shelf.
 - ii. Single (bottom base) shelf.
 - iii. Two (2) shelves (mid shelf and bottom base).
 - b) Two doors.
 - iv. One (1) shelf (mid-tier).
 - v. Two (2) shelves (base and mid-tier).
 - 2. Shelving shall be 16-gauge galvanized sheet metal with 1.25 inch by .69 inch (32mm by 18 mm) returns on two sides for increased rigidity, providing formed ends at the locker openings and for center support, eliminating sharp edges. Shelving is supported and anchored to the 1-3/4" x 1-7/8" x 5/8" (44mm x 48mm x 17mm) 16-gauge steel Z-angle supports on the two side panels. Holes are predrilled for precise mounting height of the standard shelf spacing, and can be adjusted by utilizing additional frame holes or drilling through one wall of the frame support and securing with two (2) 3/16" pin-drive heavy-duty rivets. Shelving is sized accordingly to the full locker width and depth, and secured in place with two (2) 1/4" x 1" long flanged button head screws, nylon spacer and 1/4" zinc plated serrated flange lock nut.
- D. Locker top option (specify as required): Locker top shall be constructed of 10-gauge welded-wire mesh, with 2 inches by 2 inches (50 mm by 50 mm) openings.
- E. Rear panel options (required for back-to-back units - specify as required): Locker back shall be constructed of 10-gauge welded-wire mesh, with 7/8" inch by 4 inches (22mm by 100mm) openings. Mesh shall be fully welded at each vertical and cross wire by positive resistance welds to a full frame constructed of 3/4 inch by 3/4 inch (19mm x 19mm) tubing.

- F. Locker bottom option (specify as required): Bottom/shelf shall be constructed of 16-gauge galvanized sheet metal with 1.25 inch by .69 inch (32mm by 18 mm) returns on two sides for increased rigidity, providing formed ends at the locker openings and for center support, eliminating sharp edges. Locker bottom is supported and anchored to the 1-3/4" x 1-7/8" x 5/8" (44mm x 48mm x 17mm) 16-gauge steel Z-angle supports on the two side panels.
- G. Assembly: KD, ships flat, assembly required. Each subcomponent shall be welded and pre-punched for ease of assembly.

2.3 Panel Construction

- A. Door Assembly: The door assembly shall be constructed of 10-gauge welded-wire mesh, with 7/8 inch by 4 inches (22mm by 100mm) openings. Mesh shall be fully welded at each vertical and cross wire by positive resistance welds to a full tubular frame 3/4-inch square (19mm square x 1mm wall) tubing. Horizontal frame members shall also be constructed of 3/4-inch square (19mm square x 1mm wall) tubing, with unique profile edges on one face to facilitate positive resistance welds at each wire. Doors are equipped with two steel pin butt hinges with one padlock hasp per door. Open angle frame construction and/or bolt-together doors shall not be approved as equal.
- B. Outer Door Frame: The outer door frame shall consist of a full tubular frame 3/4-inch square (19mm square x 1mm wall) tubing, welded to form a unitized frame. The outer door frame shall be furnished with pre-lasered holes to account for shelf support brackets. Doors are fully assembled within the outer frame at the factory for ease of installation. Doors provided without an outer door frame weldment shall not be approved as equal.
- C. Side Panels: The side panels shall be constructed of 10-gauge welded-wire mesh, with 7/8" inch by 4 inches (22mm by 100mm) openings. Mesh shall be fully welded at each vertical and cross wire by positive resistance welds to a full tubular frame constructed of 3/4 inch by 3/4 inch (19mm x 19mm) tubing, with unique profile edges on one face to facilitate positive resistance welds at each wire. All panels shall be welded to form a rigid ladder frame construction, with a center horizontal tube increasing rigidity of the mesh panel. Angle frame units with intermittent welds shall not be approved as equal.
- D. Finish: Finish shall be Gray Powder Coat (RAL7037) except for zinc coated components (hardware, shelves and supports). Custom colors are available upon request. A wet spray enamel paint coating shall not be approved as equal.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Units are required to be level for proper functionality. Shimming of the units for an uneven floor is the responsibility of the contractor. All hardware shall be provided for a locker to locker attachment, locker to wall and locker to floor anchoring. For custom substrate walls and floors, specialized anchoring shall be the responsibility

of the installer.

3.3 PROTECTION

- A. Protect installed products until completion of the project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION