



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.
 - 3. Triple 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) 90 inches (2.3m).
 - b) Custom height (specify _____).
 - 2. Width and Depth (specify one or more of the following):
 - a) 36 inches wide by 36 inches deep (914 mm by 914 mm).
 - b) 36 inches wide by 48 inches deep (914 mm by 1219 mm).
 - c) 36 inches wide by 60 inches deep (914 mm by 1524 mm).
 - d) 48 inches wide by 36 inches deep (1219 mm by 914 mm).
 - e) 48 inches wide by 48 inches deep (1219 mm by 1219 mm).
 - f) 48 inches wide by 60 inches deep (1219 mm by 1524 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).
 - c) Three doors.
 - vi. Two (2) shelves.
 - vii. Three (3) shelves (base and two-tiers).
 - 2. Shelving shall be 18 gauge galvanized sheet metal with 1.25 inch (32 mm) by .69 inch (18 mm) returns on two sides for increased rigidity, providing two formed ends at the locker opening, eliminating sharp edges and concealing anchor points. Shelving is supported and anchored to the integral 1 inch by 1-1/2 inch by 1 inch (25 mm by 38 mm by 25 mm) 14 gauge steel U-channel supports on the two side panels. Shelving is sized accordingly to the full locker width and 11-1/2 inches (292 mm) deep.
- D. Locker top option (specify as required): Locker top shall be constructed of 10-gauge welded-wire mesh, with 2 inch by 2 inch (51 mm by 51 mm) openings.
- E. Rear panel options (required for back to back units - specify as required):
 - a) Locker back shall be constructed of 10-gauge welded-wire mesh, with 2

- inch by 2 inch (51mm by 51 mm) openings.
- b) Locker back shall be constructed of 18 gauge sheet metal.

- F. Locker bottom option (specify as required): Locker bottom shall be 18 gauge galvanized sheet metal with 1.25 inch (32 mm) by .69 inch (18 mm) returns on two sides for increased rigidity. Shelving is supported and anchored to the integral 1 inch by 1-1/2 inch by 1 inch (25 mm by 38 mm by 25 mm) 14 gauge steel U-channel supports on the two side panels. The U-channel is reinforced by 1-1/4 inch by 1-1/4 inch (32 mm by 32 mm) 14 gauge steel angle which shall also be integral to the side panel weldment.
- 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 2 inch by 2 inch (51 mm by 51 mm) welded wire mesh welded into a 14 gauge 1-1/4 inch by 1-1/4 inch (32 mm by 32 mm) angle frame for a unitized construction. Door shall be reinforced with two (2) 1/8 inch by 1 inch (3 mm by 25 mm) steel flat stiffener bars welded in place diagonally. Doors are equipped with two steel pin butt hinges with one padlock hasp per door. Bolt-together doors shall not be approved as equal.
- B. Outer Door Frame: The outer door frame shall consist of 14 gauge 1 inch by 1-1/2 inches by one inch (25 mm by 38 mm by 25 mm) steel U-channel for the vertical members, and 14 gauge 1-1/4 inch by 1-1/4 inch (32 mm by 32mm) steel angles for the horizontal members, welded to form a unitized frame. 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 by 2 inch by 2 inch (51 mm by 51 mm) welded wire mesh welded into a 14 gauge 1-1/4 inch by 1-1/4 inch (32 mm by 32 mm) steel angle frame for a unitized construction. Shelves shall be supported by integral 1 inch by 1-1/2 inch by 1 inch (25 mm by 38 mm by 25 mm) 14 gauge steel U-channel supports on the two side panels. Bolt or clip-on supports shall not be approved as equal.
- D. Finish: Finish shall be Machine Gray Powder Coat except for galvanized components. 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 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 project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION