

DIVISION 10 EQUIPMENT

SECTION 10 WIRE MESH PARTITIONS

1. PRODUCTS

1.1. MANUFACTURERS:

- 1.1.1. Design is based on use of all steel ventilated Tenant Storage Lockers as provided by Valiant Products, Inc., P.O. Box 405, Lakeland, FL 33802, 800-659-1797, and the terminology used may include reference to that manufacturer's proprietary products. Such reference shall be construed only as establishing the quality of materials and workmanship to be used under this Section and shall not, in any way, be construed as limiting competition.
- 1.1.2. Product shall be those upon which design is based, or shall be equal products approved in advance by the Architect.

1.2. MATERIALS:

- 1.2.1. Steel Channel and Angle: Roll-formed from 14ga cold-rolled, pickled and oiled conforming to ASTM 1008/A 1008M-00
- 1.2.2. Expanded Metal: 1 ½ No. 13 (14ga) flattened expanded metal with a 75% open area and conforms to military specification MIL-M-17194C Type II Class 1.
- 1.2.3. Door Stops and Padlock Hasps: Fabricated from 12ga flat bar conforming to ASTM A36.
- 1.2.4. Hinges: To be 2 x 2 tight pin butt hinges conforming to ASTM A36.
- 1.2.5. Steel Sheet: 22ga galvanized paint-grip that conforms to ASTM A 653/A 653M-02a with a Z180 coating.
- 1.2.6. Steel Coil: 22ga steel that conforms to ASTM 1011/A A 1011M-00
- 1.2.7. Finish: To be "No-mar" polyester powder coat. Color to be machinery gray unless otherwise indicated. Optional colors are ivy green, sandalwood tan and jet black.

1.3. COMPONENTS:

- 1.3.1. **Doors:** Framed with 1" x 1 ¾" x 1" formed 14 gauge steel channel with 1 ½ No. 13 (14ga) flattened expanded metal panels.
- 1.3.2. **Partitions:** Framed with 1" x 1 ¼" formed 14 gauge steel angle with 1 ½ No. 13 (14ga) flattened expanded metal panels.
- 1.3.3. **Hardware:** Doors to be pre-hung in frames with transom and equipped with 2" x 2" steel tight pin butt hinges, door stops and padlock hasp, welded into position.
- 1.3.4. **Backs:** 22ga galvanized steel with a 2" break at the top for securing to top of unit, to be 1" shorter than the height of the unit for floor clearance. (Required on back-to-back runs and free-standing units)
- 1.3.5. **Tops:** 1 ½ No. 13 (14ga) flattened expanded metal cut to size of unit for securing to top of unit. (Recommended when ceiling height exceeds 8'-6")
- 1.3.6. **Shelves:** Roll-formed from 22ga coil with stiffening ribs for extra strength and rigidity.
- 1.3.7. **Unit Size:** See the drawings for unit sizes required.

1.4. GUARANTY:

- 1.4.1. The lockers shall conform to all applicable building codes and be manufactured in accordance with the best practices of the industry. Material and workmanship are to be guaranteed against defects for a period of one (1) year after delivery, other than that caused by normal wear and tear.

2. EXECUTION

2.1. Preparation, Installation, Adjusting and Cleaning

- 2.1.1. **Preparation:** Coordinate and furnish anchorages, setting drawings, diagrams, templates, instructions and directions for installing anchorages, including inserts, sleeves, anchors and miscellaneous items having integral anchors embedded in wall and floor finish. Coordinate delivery of such items to Project site.
- 2.1.2. **Installation:** Erect partitions plumb, rigid, properly aligned and securely fastened in place complying with Manufacturer's recommendations. Provide additional field bracing as required for rigid, secure installation.
- 2.1.3. **Adjusting and Cleaning:** Upon completion of the installation, adjust components for smooth operation without binding. Leave work in complete and proper operating condition. Remove and replace defective work. Touch up damaged finish after completing installation using field-applied paint to match color of shop-applied finish.

END OF SECTION