



ARCHITECTURAL SPECIFICATION MSGX-PX Full Height Security Gate

SECTION 11 14 00 – Pedestrian Control Equipment

PART I – GENERAL

1.01 SECTION INCLUDES

- A. This section covers the furnishing and installation of a MSGX-PX gate with a 48” opening.
- B. For further information, contact Alvarado at +1 909.591.8431, or email information@alvaradomfg.com.

1.02 QUALITY ASSURANCE

- A. Manufacturer shall be a company specializing in the manufacture of security gates for a minimum of 10 years.
- B. Installer shall have at least one year experience installing similar equipment, or shall supply a factory representative during installation of the product.

1.03 SUBMITTALS

- A. Submit manufacturer’s descriptive literature for specified equipment, including options.
- B. Provide, upon request, site specific drawings showing product placement.
- C. Provide installation and operation manuals.

1.04 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials to job site in manufacturer’s packaging undamaged, complete with installation instructions.
- B. Store off ground, under cover, protected from weather, construction activities and debris.
- C. Use forklift, pallet jack or equivalent equipment for moving.

1.05 PROJECT/SITE CONDITIONS

Install on a level concrete pad. Secure to adjacent fencing, turnstile or similar solidly anchored equipment.

1.06 WARRANTY

Alvarado warrants its products against defects in material and workmanship for a period of one (1) year from the date of invoicing. The warranty covers defects in materials and workmanship. Obtain full warranty terms from Alvarado.

PART II – PRODUCTS

2.01 MANUFACTURER

Alvarado Mfg. Co., Inc. 12660 Colony Street, Chino, CA 91710.

2.02 PRODUCT

MSGX-PX Full Height Security Gate, no substitutions. Features of the gate shall include: stainless steel pull handle in the entry direction; 12 VDC, 1200 lb. holding force magnetic lock; microswitch push bar on the exit side that unlocks the gate when depressed; infill mesh and a hydraulic closure mechanism, Norton Model #7500.

2.03 CONSTRUCTION

- A. Gate:
 - 1. The Gate is a fully welded assembly consisting of 2” x 3” vertical and 2” x 5” horizontal structural steel tubing. Vertical infill bars of 1.5” square tubing are spaced evenly across the width of the gate.
- B. Gate Frame:

1. Gate must be installed on a level concrete pad.
 2. Power and control wiring to come from ground through appropriate conduit, per manufacturer direction, or via alternate methods if manufacturer is contacted and approves.
- B. Installation: Install in accordance with manufacturer's instructions and secure to adjacent solidly anchored structure or equipment.
- C. Adjustment: Adjust gate closure after installation.
- D. Instruction: A factory trained installer shall demonstrate to the owner's maintenance crew, or designated representative, the proper operation and the necessary service requirements of the equipment, including exterior maintenance.
- E. Cleaning: Clean gate and area carefully after installation to remove excess caulk, dirt and labels.

Note: this specification includes recommended options. Alvarado Mfg. Co., Inc. reserves the right to change this specification at any time without notice.