



CONDOOR DETENTION PRODUCTS
232 VARET STREET
BROOKLYN, NEW YORK 11206
TELEPHONE: (718) 554-6840
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CONDOOR - LEVEL 5
EXPANDED METAL GUARD
SPECIFICATION SECTION 08660

PART 1 – GENERAL

Description

ConDoor Detention Products manufactures the guard shown on the plans and herein specified. The manufacturer's name and products have been used to establish the standard of construction and quality of workmanship required for this project. Manufacturers bidding on this project must be actively engaged in the fabrication of specified items for 5 years. Window Guard to be mounted 1½ to 2" away from exterior glass.

Submittals

Manufacturers requesting approval to bid their product as equal must submit to the architect shop drawings that include details of attachment to surrounding materials and elevations showing scope of the project.

Quality Assurance

Items provided in the section shall be manufactured and fabricated by firms with 5 years experience in type of work specified. Performance and testing must comply with sag, impact, and forced entry resistance tests of ANSI/SMA 6001-1990, American National Standard. Specifications for Protection Screens must meet the performance requirements for a Heavy Rating.

Delivery, Storage, and Handling

Before and during shipment to site, adequately protect products. Products should be stored in conditions that protect from damage. Installation shall be by installers experienced in type of work specified for respective item.

Inspection

Verify that openings fit allowable tolerances are plumb, level, provide a solid anchoring surface and comply with approved shop drawings. Plumb and align faces in a single plane and erect screens square and true adequately anchored. After completion of installation, screens shall be in working order and clean.

Warranty

Manufacturer will supply a written one-year warranty on all products.

PART 2 - PRODUCTS

Acceptable Manufacturers

ConDoor Detention Products
232 Varet Street, Brooklyn, NY 11206
Tel: (718) 554-6840 Fax: (718) 554-7817
www.condoordet.com

The steel mainframe shall be a 1½ " x 1½ " x 3/16" angle notched and welded smooth. The steel sub frame to be 1¼" x 1¼" x 1/8" angle notched and welded smooth Expanded metal steel sheet shall be welded and secured to mainframe 18" on center. Security plate to be 4" x 4" as shown on drawings.

Infill Options:

No. 9 flat 1½" diamond expanded pattern type 1 (standard) class 2, No. 6 flat 1½" diamond pattern

Fabrication

Window guards, unless otherwise shown, shall cover entire window opening. Provide frame and accessories of size and construction as shown on drawings. Window guards over 5' wide or 8' high will be fabricated in two sections. A brace is required for guards over 52" high.

Paint and Finish

All interior and exterior surfaces of the mainframe shall be thoroughly cleaned, apply a zinc rich primer. The surfaces shall receive an electrostatically applied thermoplastic polyester powder coating, which shall be applied and baked to a hard mar-resistant finish in a standard or custom color. Touch-up paint is available for installation.

Locks and Hardware (option)

3 ½" x 2 ½" F.P. butts with brass pin hinge

Lock options:

Padlock
Quick release
Hook bar with hasp for lock or snap latch

Installation, Adjusting, and Clean up

Install in accordance with approved shop drawings and specifications. Erect guards and other work of this section, rigid, straight, and plumb with horizontal lines level. Secure connections and attachment.