

Detention Furniture

Stainless Steel

Shelf

Model: X-SHF-Z

PART 1 GENERAL

1.01 Description

The barriers shown on the plans and herein specified are the products of Kane Innovations, Erie, Pennsylvania. This manufacturer's name and products have been used to establish the standards 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 a minimum of five (5) years prior to the bid date. Manufacturers requesting approval to bid their products as equal must submit to the Architect full-size drawings, including details of construction, and a complete operating barrier sample, ten (10) days prior to the bid date.

1.02 Submittals

- A. Manufacturer shall submit shop drawings, showing details of attachment to surround materials and elevations showing scope of the project.
- B. Samples of materials as may be requested without cost to owner: frame sections, woven rod panel, fasteners, mullion section, corner section, etc.

1.03 Warranty

The operation of the barrier supplied by Kane Innovations on the designated project is warranted for one (1) year against any proven defective material or parts, as called for in the specifications and approved shop drawings. This warranty does not cover abuse by others.

PART 2 PRODUCTS

2.01 Acceptable Manufacturers

Kane Innovations, Erie, PA
☎ (800) 773-2439

2.02 Material

- A. 5/8" [15.88] x 2-1/4" [57.15] x 24" [609.6] x 2-1/4" [57.15] x 5/8" [15.88] x 16-gauge stainless steel interview shelf.
- B. 2" [50.8] x 9" [228.6] x 5" [127] x 10-gauge steel mounting channel. To be held in place with #12 x 1-1/2" [38.1] electro-plated steel Phillips pan-head sheet metal screws and lead anchors; 12" on center.
- C. 1-3/4" [44.45] x 8-3/4" [222.25] x 1-3/4" [44.45] x 10-gauge steel bottom close-out channel.

2.03 Finish

- A. All interior and exterior surfaces of the mounting channel and close-out channel shall be thoroughly cleaned in a 5-step bonderizing process. The surfaces shall receive an electrostatically applied thermoplastic, polyester powder coating which shall be applied and baked to a hard mar-resistant finish in Kane's standard Gray color.
- B. Interview shelf finish shall be directional belt sanded. (Satin)

2.06 Hardware

- A. Each shelf shall have all necessary installation hardware, including fastening screws.
- B. Each shelf shall come fully assembled and tested from the factory.

PART 3 EXECUTION

3.01 Inspection

Verify that openings fit allowable tolerances, are plumb, level, provide a solid anchoring surface and comply with approved shop drawings.

3.02 Installation

- A. Install in accordance with approved shop drawings and specifications.

PART 4 ENVIRONMENTAL REPORTING

4.01 LEED Materials and Resources

- A. Recycled Content: This product contributes toward satisfying Credit 4 under LEED.
- B. Regional Material: This product can contribute toward satisfying Credit 5 under LEED