

# LEVEL 4

## Aluminum Vandal Shield Residential

### Model: A-VSR-Z

#### PART 1 GENERAL

##### 1.01 Description

The security screens 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 security screen sample, ten (10) days prior to the bid date.

##### 1.02 Warranty

The operation of the security screen supplied by Kane Innovations on the designated project shall have a one (1) year warranty 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 Main Frame

A. The main frame shall be not less than 5/16" x 15/16" wide, and extruded from 6063-T6 aluminum alloy. Weight shall be not less than .134 lbs/ft., with a nominal thickness of .050-inch. The corners of the main frame shall be mitered, fitted with an internal tension coupling assembly and fastened.

##### 2.03 Finish

A. The aluminum shall be thoroughly cleaned in a 5-step bonderizing process. An electrostatically applied thermoplastic, polyester powder coating shall be applied and baked to a hard mar-resistant finish in one of Kane's standard colors. Coating shall meet or exceed AAMA 2603.

- White
- Grey
- Black
- Dark Bronze
- Beige
- Custom colors are available at additional cost with submission of color sample.

B. The stainless steel wire cloth shall be thoroughly cleaned in a 5-step bonderizing process. An electrostatically applied black, thermoplastic, polyester powder coating shall be baked to a hard mar-resistant finish.

##### 2.04 Infill

###### Wire Cloth

- 12-mesh .023-inch stainless steel wire mesh

##### 2.05 Infill Attachment

The infill shall be retained by a removable vinyl spline.

##### 2.06 Hardware

- A. Each screen shall have four tension springs for self centering screen alignment.
- B. Each screen shall come fully assembled and tested from the factory.

#### PART 3 EXECUTION

##### 3.01 Installation

Install in accordance with standard drawings and specifications.

##### 3.02 Inspection

Verify that screen frame is fully engaged in the insect screen track.