

SCOPE

To furnish Steel Security Screens with hardware, and other fitting necessary for a complete installation. Framing angles shall also be furnished when required.

MATERIALS

1. All sections of the security screen shall be of roll formed lock seam construction formed from tubular 22 gauge galvanized steel.
2. All wire retainer spline will be of 18 gauge galvanized steel.
3. Wire cloth shall be standard tensile strength stainless steel alloy #304, .028" diameter.

CONSTRUCTION

1. The frame shall be rigidly assembled with a mitered corner construction. The miter will be welded.
2. Each screen will be form fitted in to the frame and secured with the steel retainer spline.
3. The steel retainer spline will be continuous around the perimeter and will be attached with #8 x $\frac{3}{4}$ " pan head screws on not more than 6" centers.
4. When required, there will be a horizontal mullion midway between the top and bottom.

FINISH

1. All exposed areas of stainless wire cloth and frames shall be thoroughly washed, rinsed and chemically pre-treated in preparation for powder coating. A finish polyester powder coat paint shall be electrostatically applied, and baked for a minimum of 15 minutes at 400 degrees F. Powder coat paint finish shall be a minimum of 1.5 mil thickness.

CERTIFICATION

The steel security screens have been tested and certified by a recognized testing laboratory to meet and/or exceed SMA-6001 specifications.