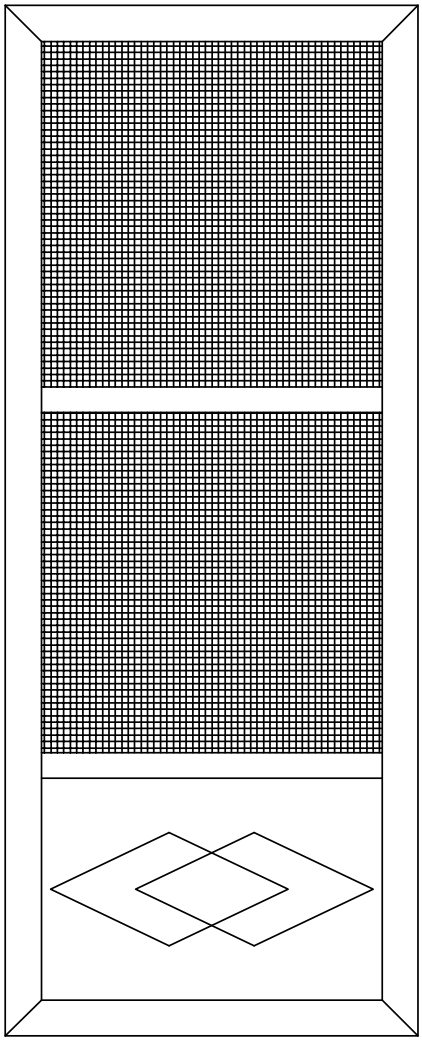
## CONFIGURATION DRAWINGS



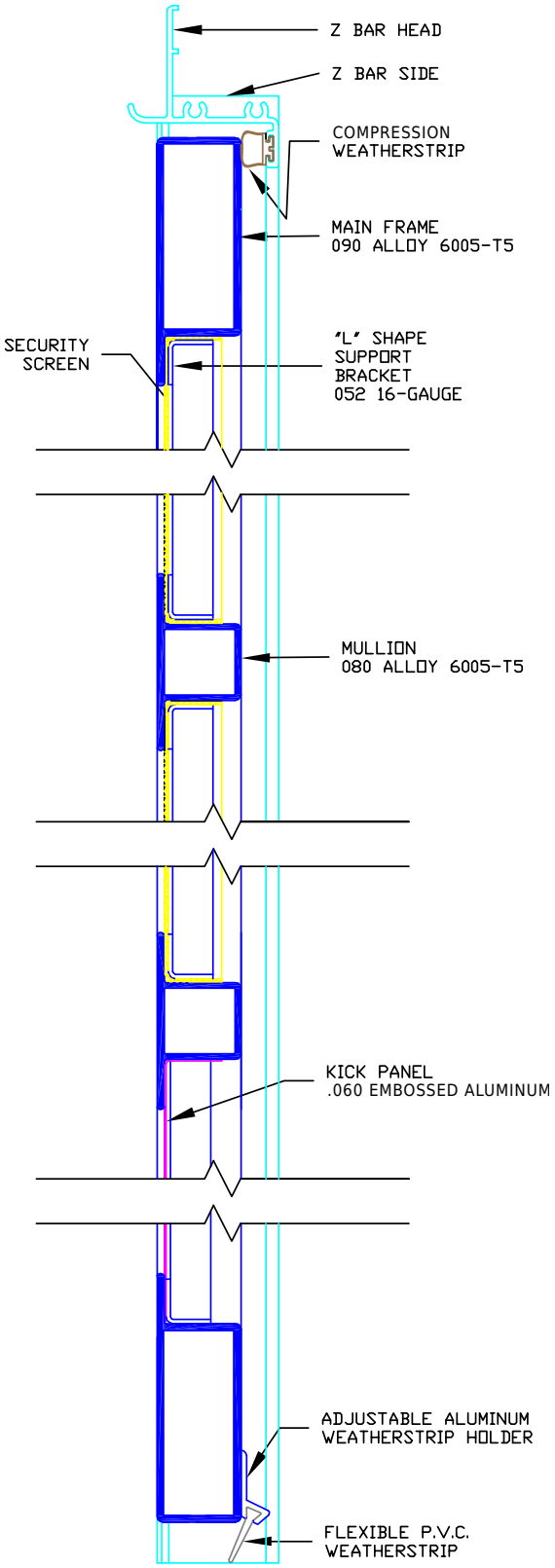



Fig. 1: Model 1700A Aluminum Security Screen Door. Elevation and frame cross-section

HEAVY DUTY | ANSI SMA 6001-2002

The Rusco Model 1700A brings the same custom-built, tested approach to security screen doors to a welded aluminum frame, an option for projects where aluminum is preferred over steel.

- ✓ Welded aluminum frame alternative to the steel 1700
- ✓ Same certified mesh and hardware as the steel line
- ✓ Custom built to any opening, including non-square

| AT A GLANCE | |
|---|---|
| **Duty Tier** | Heavy |
| **ANSI Rating** | SMA 6001-2002, heavy class |
| **Frame** | 6005-T5 aluminum, .090" wall, welded |
| **Mesh** | 304 stainless, .028" wire, 12x12, 800 lb tensile |
| **Kick Panel** | 0.060" embossed aluminum |
| **Warranty** | 1 year, design/material/workmanship |

## 1 GENERAL

- Tested by a recognized testing laboratory to conform to SMA 6001-2002, heavy class
- Furnished complete with compression weatherstripping, sill sweep, pre-hung in aluminum Z-bar frame

## 2 MATERIALS

- Master frame: 6005-T5 aluminum alloy, welded, 0.090" wall thickness, 38,000 PSI yield strength (133% stronger than 6063-T5 aluminum)
- Kick panel: 0.060" gauge embossed aluminum
- Z-bar liners: extruded aluminum, 0.062" wall thickness, compression vinyl weatherstripping
- Screen cloth: 304H alloy .028" diameter stainless wire, 12x12 mesh, minimum 800 lb tensile strength per linear inch
- Fastenings: cadmium or zinc-plated steel screws
- Sill sweep: extruded aluminum, adjustable, flexible vinyl

## 3 CONSTRUCTION

- Mitered corners with internal gussets, not less than 2 3/4" x 15/16"; transom and mullions aluminum-welded and ground smooth
- Optional 0.090" horizontal mullion rails for wider openings
- Wire mesh: minimum 1/2" 90-degree bend on all sides, held with 0.062" retainer angle and tamper-proof screws, 4" on center
- Hung on four tamper-proof 302/304 stainless steel hinges, non-removable pin, oil-lite bearings

## 4 OPTIONS

- Rusco steel tamper-proof security screws for Z-bar installation
- KT186 Heavy Duty Hardware Kit available
- Adjustable box sweep: 6105-T5 aluminum with two SANTOPRENE rubber sweeps

## 5 FINISH

- Aluminum liners: one coat baked-on prime
- Electrostatically applied polyester powder coating, baked 20 minutes at 350°F
- Standard or custom colors available

## 6 PACKING

- Doors carefully packaged using cardboard edge liners

## 7 INSTALLATION

- Verify door openings are satisfactory and ready to accept pre-hung screen door
- Installer fastens door in a straight, plumb, level condition without distortion; makes final adjustments for proper operation and weathering seal
- Clean up and touch up any marred surfaces on completion

## 8 WARRANTY

- Guaranteed for one (1) year from date of delivery to the site against defects in design, material, and workmanship
- Free replacement parts furnished F.O.B. when readily installable; complete replacement door furnished F.O.B. when special tools are required
- Excludes normal wear and tear, uniform color fading, improper maintenance, abuse and carelessness