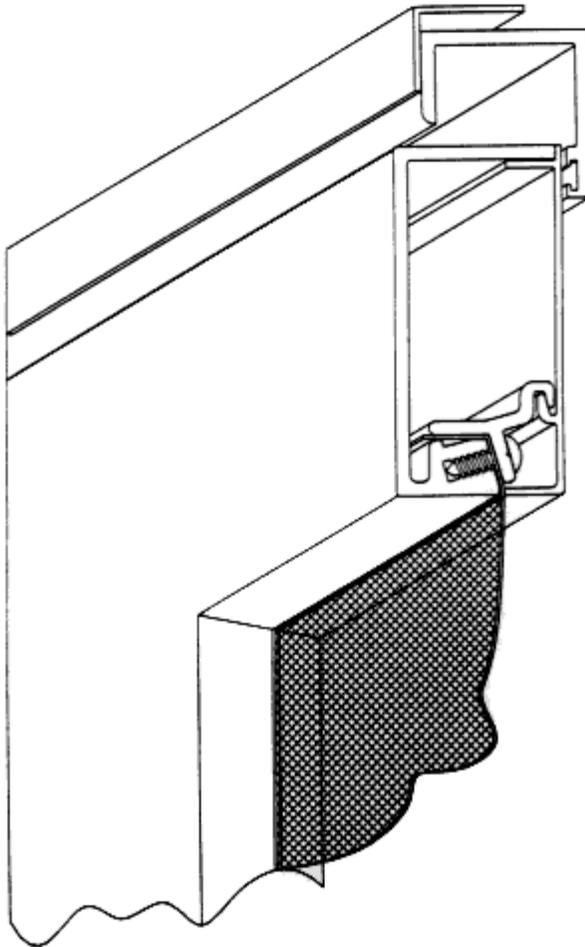


# SECURITY/ DETENTION SCREENS

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## MEET ANY SECURITY SCREEN APPLICATION

**Public Housing**  
**Commercial Buildings**  
**Prisons**  
**Hospitals**  
**Schools**  
**Museums**  
**Dormitories**  
**Detention Homes**  
**Laboratories**  
**Utilities**

### ADVANTAGES OF FABRICO SECURITY SCREENS

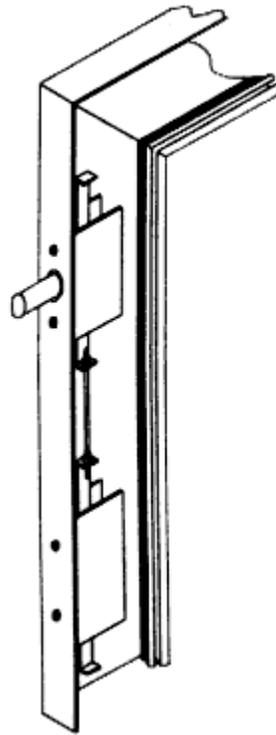
- AESTHETICS
- SAFETY
- QUALITY

**BITT KEY LOCKING SYSTEM**

• **EASE OF INSTALLATION**

Fabrico Security Screens are quality built, tough and attractive detention screens which prevent unauthorized entries or exits. Fabrico detention screens easily repel all kinds of attacks and frustrate the most professional criminals. This highly engineered security screen system can meet any government, housing, utility and institutional specification.

Fabrico Security Screens are constructed of high-tensile stainless steel wire mesh which is tightly anchored to an aluminum frame with all hardware and fasteners concealed when the unit is in the closed position. A Fabrico Security Screen will add to the integrity and security of any building.



This locking system is very rugged, made with case hardened zinc plated steel for strength and corrosion resistance. Lock assembly is spring-load, high security, multi-tumbler type.

**IMPORTANT INFORMATION**

**SIZE LIMITATIONS**

Recommended maximums:

Width 67 inches

Height 120 inches

Area 40 square feet

For larger opening, use multiple units, Consult factory for recommendations.

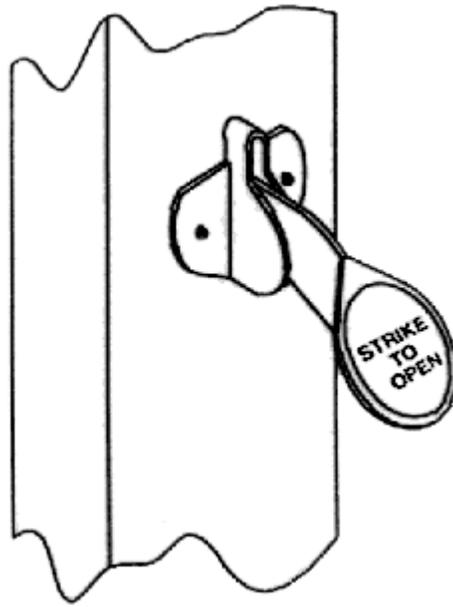
**GLASS CLEARANCE**

3 inches clearance between wire mesh and window glass is required.

**EMERGENCY RELEASE**

### **SPECIAL WIRE MESH**

For extreme conditions, special heavy-duty wire mesh is available for either exterior or interior applications.



Emergency release mechanism is a strike plate mounted to inside of swing frame and is easily accessed for quick emergency exits.

## **SPECIFICATION**

**QUALITY:** The security screens shown on the plans and hereinafter specified are the products of Fabrico, West Paterson, NJ, and shall meet all established standards of construction and quality of workmanship required by this industry.

**PRODUCT:** Full Aluminum Security/Detention Swing Screen System

**SWING FRAME:** Custom extruded channel design from 6063-T5 aluminum alloy. Channel wall thickness is .125 with a weight of 0.941 pounds per foot. All corners are welded and ground smooth. A cover plate extruded from 6063-T5 alloy is screwed to the swing frame on 6" centers and as a double interlocked cover plate with a wall thickness of .062 allows no fastener to be exposed when the screen is in the closed position.

**SUB FRAME:** Custom extruded channel design from 6063-T5 aluminum alloy. Standard sub-frame channel wall thickness is .125 with a weight of 0.557 points per foot. All corners are welded and ground smooth. A continuous vinyl strip is provided to make screen insect tight.

#### **WIRE MESH**

**ATTACHMENT:** Wire mesh is folded 90 degrees around the edge of the swing frame and held securely in place by means

**WIRE MESH:** Stainless steel wire mesh is a 12 x 12 mesh per inch with .028 diameter high tensile strength type 302/304(18/8) wire. Stainless steel wire shall test not less than 800 pounds per lineal inch after weaving. The wire shall have double crimped crossings with a minimum crimp ration of 45%.

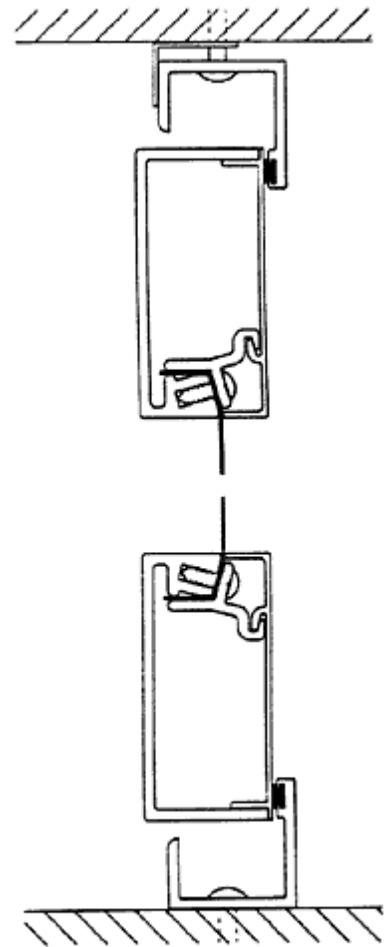
**LOCK AND SLIDE BOLTS:** Unit has a concealed zinc plated steel Bitt Key Lock assembly which actuates 2 or 3 case hardened slide bolts. The slide bolts are operated simultaneously from one key station with a special bitt key.

**EMERGENCY RELEASE:** Optional zinc plated steel push pad release for interior of screen operates slide bolts simultaneously for exit.

**HINGES:** Unit has 2 or more concealed zinc plated steel hinges with hard brass loose pins.

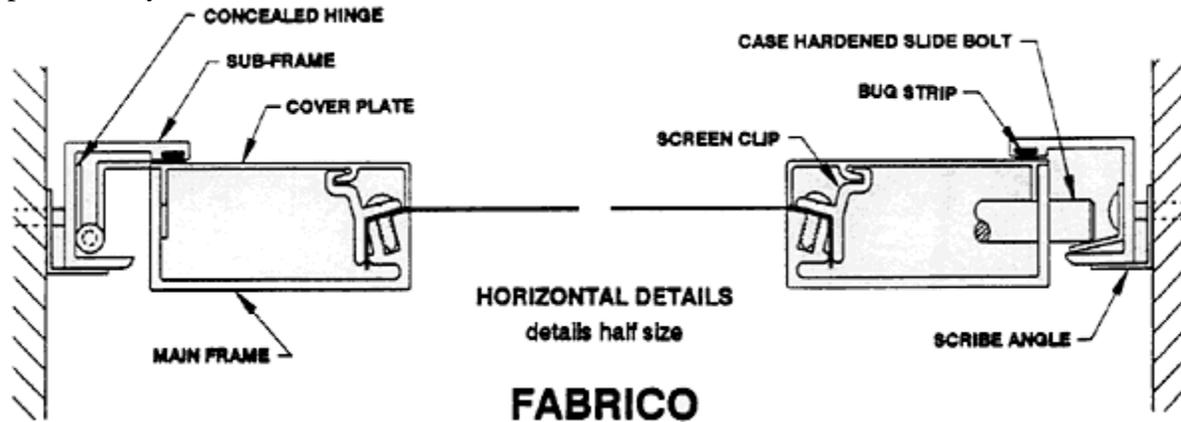
**SCRIBE ANGLES:** Aluminum extruded 1" x 1" angle .062 thick are supplied at head and jambs where required.

**FINISH:** All exposed surfaces, interior and exterior, of sub-frames, main frames, and concealment covers shall be: cleaned and given a satin finish, producing a uniform surface. Optional two step anodizing or enamel paint available.



**VERTICAL DETAILS**

of retainer clips which are extruded from 6063-T5 aluminum alloy. Retainer clips are 6" long and are designed to interlock with removable cover plate and are placed on approximately 10" centers.



## SPECIALIZED INSTALLATION

STANDARD MOUNTED SUB-FRAME	BOX MOUNTED SUB-FRAME	SURFACE MOUNTED SUB-FRAME
	<p>SPECIAL DESIGNED SUB-FRAME WHERE REVEAL IS SUFFICIENT FOR ANCHOR MOUNT. BUT DOES NOT PERMIT SUFFICIENT (2-3") RECOMMENDED CLEARANCE BETWEEN GLASS AND SCREEN MESH.</p>	<p>SPECIAL DESIGNED SUB-FRAME IS REQUIRED WHEN GLASS IS FLUSH WITH FACE BUILDING PROHIBITING STANDARD MOUNTING.</p>

