

# SYSTEM S-12

## Part 1 General

### 1.01 General

A. Supply and install where indicated folding aluminum closure model "SYSTEM S-12" as manufactured by **MobilFlex Inc.**

Distributed by **Tri-S Industries Ltd.**

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### 1.02 Exclusions

A. Work not included in this section. Preparation of the opening, overhead track supports, storage pockets, miscellaneous trim and field painting.

### 1.03 Submittals

A. Submittals (shop drawings, installation instructions, operation and maintenance instructions) shall be in accordance with general instructions.

## Part 2 Product

### 2.01 Model type

A. "SYSTEM S-12" by **MobilFlex Inc.**

### 2.02 Curtain

A. The top and bottom of each section will be fitted with an aluminum panel 4" high. This panel will consist of an aluminum extrusion 1/16" thick and composed of modules with a 15° angle between them to facilitate the operation of the closure. The curtain is made of vertical rods of 5/16" (7.9mm). Each rod is contained in an aluminum tube that measures 1/2" (12.7mm) in diameter. Spaced every 3" (76mm), these rods are linked by two series of horizontal modules of 2" (51mm) high. These module series are spaced vertically every 12" (305mm).

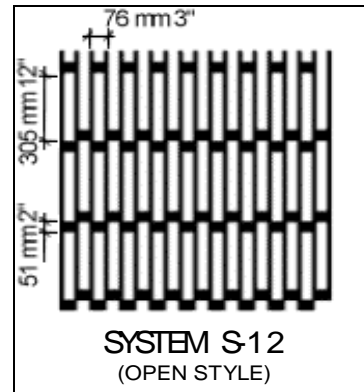
### 2.03 Locking.

A. Lead post shall be equipped with a hook bolt lock with MobilFlex cylinders each side.

B. Lead post shall engage a full height wall jamb.

C. Trailing post shall be self-locking at the top and bottom inside the storage pocket.

D. Free floating intermediate posts shall be located at all curves and at intervals not



exceeding 10 feet (3M), 6 feet (2M) for counter top units. Intermediate posts shall be equipped with self-adjusting spring loaded drop bolts activated from the inside only. Drop bolts shall engage dust proof stainless steel receptacles.

### 2.04 Track

A. Curtain shall be hung from an overhead track 1-5/16" (33mm) wide by 1-9/16" (40mm) high. Track shall be aluminum 6351 alloy tempered to T6.

B. Curves where required shall be 14" (355mm) radius standard.

### 2.05 Stacking

A. Stacking shall not exceed a depth of 1.15" per foot of closure width plus 3" for each post (lead, end or intermediate). (95mm/lin. M. + 76mm per post). Full egress doors add 7" (176mm).

### 2.06 Finish

A. Finish shall be standard (clear anodized or acrylic paint in white, black, medium bronze #40, light bronze #26).

## Part 3 Installation

### 3.01 Inspection.

A. Verify that all preparation work has been completed by other trades.

B. Verify dimensions of opening prior to installation.

### 3.02 Installation

A. Closure as per printed instructions from MobilFlex and approved shop drawing.

B. Clean and adjust closure to ensure smooth operation.



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## Options

### Track (section 2.04)

- 10" (255mm) radius curves (indicate location on plans).
- Special radius curves (indicate location and radius on plans).

### Locking (section 2.03)

- Top and bottom lock posts with key cylinders one or both sides are available for either end of the curtain.
- Large sections may be divided by incorporating bipart units as intermediate posts.
- Second hook bolts on lead, end or biparts (recommended for closures over 12' (3660mm) high).
- High security lock cylinders (Best, Medeco, U change It).
- Architect to decide side of lock cylinders.

### Finish (section 2.06)

- Architect may select special finish. - (Extra cost).

### Egress compliance

- Bipart egress door. (Bipart post with interior thumbturn activation). Ideal choice. Specify 3' (915mm) or 6' (1830mm) of glazed panels (Royal or Impact) to protect the thumbturn.
- Full egress door 36" x 80" (914mm x 2032mm) (where required by local building code). This egress door should be used only when the bipart egress is refused. Extra cost.

