MobilFlex

Part 1 General

1.01 General

A. Supply and install where indicated folding aluminum closure model **"SYSTEM S-126 Brick Pattern"** as manufactured by **MobilFlex Inc**.

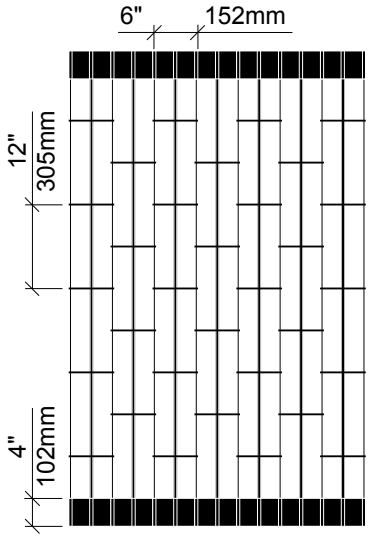
TEL 418-831-6652 (1-800-501-FLEX-3539)
FAX 418-831-7817 (1-800-470-FLEX-3539)

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.



SYSTEM S-126
(Open brick pattern)

Part 2 Product

2.01 Model type

A. "SYSTEM S-126 Brick Pattern" by **MobilFlex Inc.**

2.02 Curtain

A. The curtain is constructed of vertical rods of 5/16" (8mm) in diameter. The spacing between the rods is 2-5/8" (67mm) in a brick pattern. These rods are linked together by flat horizontal bars of 1/8" x 5/8" x 6-5/8" (3mm x 16mm x 168mm). These bars are spaced vertically every 12" (305mm) by aluminum sleeves of 1/2" (13mm) in diameter. The top and bottom of each section is fitted with an aluminum panel 4" (102mm) high. This panel consists of an aluminum extrusion 1/16" (1,6mm) thick and composed of modules with a 15° angle between them to facilitate the operation of the closure.

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 recommended intervals of 10 feet (3m) or 5 feet (1,5m) 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 dustproof 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 tempered aluminum alloy 6063-T5.
B. Curves where required shall be 14" (356mm) 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" (178mm).

2.06 Finish

A. Finish shall be standard clear anodized.

Part 3 Installation

3.01 Inspection

A. Verify that other trades have completed all preparation work.
B. Verify dimensions of opening prior to installation.

3.02 Installation

A. Install closure as per printed instructions from MobilFlex and approved shop drawing.
B. Clean and adjust closure to ensure smooth operation.

MobilFlex closures are complete as described in the above specifications. Following options are available if modifications or improvements are required.

Options (extra charge)

Locking (section 2.03)

- Top and bottom locking posts with key cylinders one or both sides are available for either end of the curtain.
- Large sections may be divided by incorporating bi-part units as intermediate posts.
- Second hook bolts on lead, end or bi-parts (recommended for closures over 12' (3,7m) high or for more security).
- High security or master keyed lock cylinders (Medeco, Best, U change It, etc) customer supplied and factory fitted.
- Solid aluminum block covering cylinder lock for additional protection (specify Mobilguard cylinder protection).
- Architect to decide side of lock cylinders.
- Additional intermediate post with shoot bolt to floor or counter.

Track (section 2.04)

- 10" (254mm) radius curves (indicate location on plans).
- Special radius curves (indicate location and radius on plans).

Finish (section 2.06)

- Architect may select special color, finish to be polyurethane (extra cost).

Egress compliance

- Bi-part egress door (bi-part post with interior thumb turn activation). Ideal choice.
- Full egress door 38" x 80" (965mm x 2032mm) (where required by local building code). This egress door should be used only when the bi-part egress is refused (extra cost).