

CONCEPT 99

Part 1 General

1.01 General

A. Supply and install where indicated folding aluminum closure model “**Concept-99**” 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

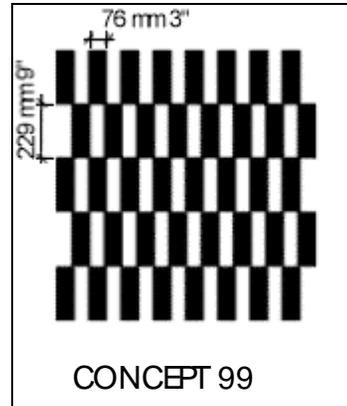
A. “**Concept-99**” by **MobilFlex Inc.**

2.02 Curtain

A. The top and bottom of each section is fitted with an aluminum panel 4” high. This panel consists of an aluminum extrusion 1/16” thick and made of modules with a 15° angle between them to facilitate the operation of the closure. The curtain is constructed of modules 1/16” (1.6mm) thick arranged in a checkerboard design of 3” (76mm) C/C. These modules are linked together by hidden aluminum and steel rods of 5/16” (7.9mm) diameter. The height of the panels will be 9” (229mm).

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.



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