

MODEL FPC – Stainless Steel – Rolling Counter Door _____
Manual Push Up Operation – Face of Wall Mount

1.0 GENERAL

1.1 Summary

- A. All Steel Rolling Counter Doors shall be manufactured by Amazing Roller Shutters, Canada. Furnished materials shall include all curtains, bottom bars, guides, brackets, hoods, operating mechanisms and any special features.
- B. Work not to be included by **SDI** includes design of, material for and preparation of door openings but not limited to structural or miscellaneous iron work, metal or wood trim, access panels, finish painting, electrical wiring, conduit and disconnect switches.

- 1.2 Quality Assurance A. All rolling counter doors shall be designed to a standard maximum of 25 cycles per day and an overall maximum of 50,000 operating cycles for the life of the door.

2.0 PRODUCTS

- 2.1 Materials A. The door curtain shall be constructed of interconnected stainless steel slats conforming to ASTM-526. The

curtain shall be constructed of Stainless Steel Slats, 1 ¼" - 22 Gauge flat slat #4 Polished Finish as designated by **SDI**.

- B. The finish on the door curtain shall be #4 Polished Finish.

- C. The bottom bar shall be constructed of tubular Stainless Steel with foam astragal and finger lifts #4 polished finish.

- D. The guides shall be constructed of box shaped stainless steel #4 polish finish.

- E. The brackets shall be constructed of steel plate 1/8" minimum thickness – stainless steel covers with #4 polished finish.

- F. The barrel shall be steel tubing of not less than 4" in diameter. Oil tempered torsion springs shall be capable of correctly counter balancing the weight of the curtain. The barrel shall be designed to limit the maximum deflection to .03" per foot of opening width. The finish on the barrel shall be grey prime paint.

- G. The hood shall be fabricated from 24 gauge stainless steel and shall be formed to fit the square brackets. The finish on the hood shall be the prime finish as indicated in the curtain section.

- 2.2 Operation A. Push-up operated doors shall open and close with a maximum of 30 pounds of effort utilizing finger lifts in

the bottom bar. This type of operation should not be used for doors over 10 feet wide.

- 2.3 Locking Mechanisms A. The push-up doors shall be secured by means of a concealed sliding bolt deadlock in the bottom bar operated by a thumb turn.

3.0 EXECUTION

3.1 Installation

- A. All **SDI** Counter Doors shall be installed by an authorized **SDI** Distributor.

- 3.2 Warranty A. All **SDI** Rolling Steel Counter Doors shall be warranted for a period of twelve (12) months from the time