



P-124 - Series – 24 Gauge Commercial Sectional Door

Part 1 - GENERAL

1.01 DESCRIPTION

- A. **Type:** Standard Commercial Sectional Doors to be manufactured by Porvene Doors, Inc.
- B. **Operation:** to be push-up, chain hoist or electric operation.
- C. **Mounting:** to be interior face mounted on a prepared opening.

1.02 RELATED WORK

- A. Opening preparation, backing, finish or field painting is in the scope of the work of other sections or trades.

Part 2 - PRODUCT

2.01 DOOR SECTION

- A. **Manufacture:** Porvene Doors or approved equal Model P-124 sectional overhead doors of steel construction complete as specified in this section and as manufactured by Porvene Doors.
- B. **Sections:** Steel Sections shall be 2" thick, roll formed from 24 gauge commercial quality Steel per ASTM A653.
- C. **Tongue and Groove:** Each section shall have a tongue and groove joint for a weather tight seal between sections.
- D. **Windload:** Doors designed to withstand wind loads as calculated in accordance with applicable governing building codes.
- E. **End Stiles:** End stiles and intermediate stiles to be formed from 1 gauge galvanized steel.

2.02 Tracks

- A. **Track:** Galvanized Steel track shall be 2" or 3" as required. Continuous angle for wood jambs. Reverse angle mount for steel jambs. Vertical track shall be inclined through the use of adjustable brackets to assure weather tight closure at the jamb.
- B. **Springs:** Counterbalance shall be oil tempered, helical wound torsion springs mounted on a ball bearing cross header shaft engineered for industrial application that comply with properties specified by ASTM A229. Galvanized aircraft type lift cables with minimum safety factor of 8 to 1 and cast aluminum drums are standard.

2.03 Weather Stripping:

- A. **Bottom Seal:** U-type vinyl bottom seal and retainer is attached to bottom section.
- B. **Full Perimeter Weather Seal:** Optional top and side weather seal available.

2.04 OPERATION

- A. **Operation:** to be push-up, chain operated or electric operation.

2.05 HARDWARE

- A. **Hardware:** Graduated hinges, bottom and top fixtures, and struts made from heavy gauge galvanized steel. All 2" and 3" rollers have 10 ball bearings in case hardened steel races. Doors are reinforced as required with steel struts, and are designed to deflect less than 1/120 of the door width when in the open position.

2.06 FINISH

- A. **Finish:** The door exterior is pre-painted steel consisting of hot dipped galvanized coating applied to the base metal. A phosphate treatment is applied before a baked-on epoxy primer. This prime coat is finished with a polyester coat for maximum rust protection. Model P-124 is available in white and has a white interior. (Apache White).

2.07 LOCKING

- A. **Locking:** Interior slide lock with hole to receive padlock is standard. Optional keyed or cremone locks are available.

2.08 WINDOW LITES

Lites: Framed lites 24" x 6" and 24" x 12" in screw together PVC frame.

Part 3 - EXECUTION

3.01 INSTALLATION

- A. **Installation:** to be by authorized representative according to Porvene Doors, Inc. standards and instructions. Mounting pads and door jambs shall be furnished by others.
- B. **Warranty:** 15 Months warranty against defectives in materials and workmanship. (See website for complete warranty) www.porvenedoors.com