



Part-1 General

1.01 Description

A. General

1. Furnish all Folding Gates as indicated complete with all hardware and accessories in accord with the provisions of Contract Documents.

1.02 Submittals

A. Shop Drawings

1. Furnish complete drawings including details of 1) gate construction, 2) hardware and fittings.

1.03 Storage and handling

- A. Store gates in a dry area out of the weather, and prohibit the stacking of other material on top.

Part-2 Product

2.01 Partition materials: for normal industrial use.

Acorn Smart Gate is manufactured using Acorn Bostwick single Gate model 5748-S
All Model widths range from 3'-0" to 12'-0"
Height of gate: 7'-0" to 10'-6"

1. Vertical End Bars: 1 15/16" x 1 5/16" cold-rolled box type sections to receive roller bearings and cylinder locks.
2. Intermediate Vertical Members: Two 3/4" x 3/8" cold-rolled channels spaced not over 6-inches on center, riveted together toe to toe.
3. Lattice Bars: 5/8" x 3/16" cold-rolled flat steel.
4. Rivets: 1 9/16" x 1/4" solid steel rivets.
5. Rollers: Full ball bearing rollers.
6. Top stationary track Lawrence No. 301.
7. Floor bolts: 5/8" rod 3'-0" long.
8. Lock bar: 1 3/4" x 1 3/4" tube.

9. Smart access locking mechanism.
 - Electromagnetic locking mechanism, Dormakaba 8365 Mortise MicroMag.
 - 750 lbs. holding force, fail safe.

10. Finish: to receive one coat, with color selected by architect from manufacturer's standard colors. (Specifier note: finishes-1) electro-galvanized; 2) powder coated.)

Part -3
Execution

3.01
Installation.

- A. Install gate in accordance with manufacturer's shop drawings. All moving parts are to operate freely.
- B. Use touch-up paint on any surface damaged during installation.