

Model 201 - Commercial Sheet Door

Part 1 - GENERAL

1.01 DESCRIPTION

- A. Type:** Commercial Sheet Doors to be manufactured by Asta America.
B. Operation: to be rope pull or hand chain operated depending on size.
C. Mounting: to be interior face mounted on a prepared opening.

1.02 RELATED WORK

- A.** Opening preparation, access panels, finish or field painting are in the scope of the work of other sections or trades.

Part 2 - PRODUCT

2.01 CURTAIN

- A. Sheet:** 26 gauge galvanized grade 80 full hard steel roll formed in continuous corrugation. Galvanized according to A.S.T.M. A653-G60 and finished with baked epoxy primer and baked polyester topcoat.
B. Side Stripping: nylon to be attached to curtain edges.
C. Bottom Bar: curtain to be reinforced with a bottom bar consisting of 2" x 1-1/2" x 12 gauge galvanized steel angle fastened to aluminum retainer with bulb astragal.

2.02 DRUM ASSEMBLY

- A. Drum:** to be formed with 26 gauge 12" diameter galvanized steel spiral torque tube and attached to 16 gauge galvanized steel drums to restrict deflection to .03" per foot (2.5 mm/m) of door width.
B. Springs: to be oil tempered, grease packed helical torsion type designed to cycle 12,500 times with an overload factor of 25%. Springs are to be mounted on a 1-5/16" (25.4mm) hot rolled steel tubing of minimum 14 gauge.

2.03 SUPPORT BRACKETS

- A. Support Brackets:** to be 3/16" (4.76mm) thick structural steel angles and a 1/4" (6.35mm) thick steel diagonal brace welded in a triangular form to support ends of drum assembly.

2.04 OPERATION

- A. Rope Pull:** to be 1/4" (6.35mm) polyester rope attached to bottom angle up to 10' x 10' (3048mm x 3048mm) doors.
B. Chain Hoist: to be cast iron pocket wheel drive with machine link hand chain for over 10' X 10' (3048mm x 3048mm) doors.

2.05 GUIDE ASSEMBLY

- A. Guides:** to be roll formed 14 gauge galvanized steel channels (2 1/2" deep per side).

2.06 LOCKING

- A. Hand Chain Lock:** bracket, to be mounted on guide angle or wall for chain operated doors.
B. Curtain Lock: Dual galvanized steel slide bolt locks attached to the bottom bar suitable for padlocks. (Padlocks by Others)

2.07 FINISH: galvanized and pre-painted with long-lasting silicone polyester paint guaranteed with a 25 year film integrity warranty to not crack, peel or blister. Additional guarantee up to 20 years against chalking and fading based on color chosen.

Part 3 - EXECUTION

- 3.01 INSTALLATION:** to be by an authorized representative according to Asta America standards and instructions.