

# ACADEMY DOORS

**Manufacturers of Rolling Steel Doors and Accessories**

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## STANDARD SPECIFICATIONS

### MEDIUM DUTY SERVICE DOOR 24 Gauge Flat-slatted Roll-up Door

**OPERATION:** Maximum push-up 8' x 8', otherwise cast gear reduced chain hoist with chain lock standard equipment. Motor prep includes bracket or wall motor mount with brace, push-up includes lifting handle and slidlocks.

**CURTAIN:** 24 Gauge interlocking flat slat, 2¼" height and ¾" deep. Alternating slats have galvanized steel endlocks to maintain alignment.

**BOTTOM BAR:** Double 2" x 2" x 1/8" angle, with astrigal weatherseal.

**GUIDES:** Structural steel: 2" x 2" x 1/8" wall angle, 2" x 2" x 1/8" inner guide angles, 2" x 2" x 1/8" outer guide angle; wall angles 3/8" anchors on 30" centers. Top holes accommodate 1/2" anchors. Guides are made to be interchangeable from "Z" to "E" or may have a combination of E-Z or Z-E.

**FINISH:** Slats and hoods are (G-90) galvanized and prime painted with baked-on polyester white primer finish. Other non-galvanized parts are shop primed with rust inhibitive primer.

**BARREL:** Steel pipe diameter and thickness are designed to support full load with no more than 0.03" per foot of span deflection. Drive shaft is 1" minimum cold rolled steel. One or more oil-tempered, heat-treated, helical torsion springs to counterbalance full load of curtain weight. Uniform adjustment is made by setting tension accessible outside of barrel.

**BEARINGS:** Heavy duty, self-aligning, grease-sealed flange bearings support inner spring assembly and operating bracket.

**BRACKET:** Plate steel formed and built to support the load of the door with no distortion. Bracket bolts to wall angle. Bracket size varies due to door height and barrel diameter.

**HOOD:** 24 gauge white painted galvanized steel with top and bottom flanges to limit deflection.

**WEATHERSEALS:** Astrigal weather seal standard on bottom bars. For guide weather seal and hood/lintel baffles, see options.

**WINDLOADS:** All door designed for twenty pounds per square foot. Higher windloads are available.

**WARRANTY:** One year limited warranty.