

Commercial roll-up steel door with windload rating.

DS-350



Windload Rated DS-350 Roll-Up Steel Doors



WINDLOAD RATING				
Maximum Width	Panel Profile	Design Pressure	Equiv. Basic Wind Speed	
			EXP. B	EXP. C
10'0"	ROUND	±37PSF	150 MPH	130 MPH
16'0"		±28 PSF	130 MPH	110 MPH
10'0"	SQUARE	±44 PSF	150 MPH	140 MPH
12'0"		±40 PSF		130 MPH
16'0"		±34 PSF		

PRESS./SPEED CONVERSIONS PER FLORIDA BLDG. CODE TBL. 1606.2E, TESTING PER ASTM E 330

DS-350 doors have State-wide Florida Product Approval for windload protection up to 150 mph and have been third party tested for uniform static air pressure.

DS-350 roll-up doors are available in round or square profiles. The continuous curtains are made from hot-dipped galvanized steel, and then finished

with silicone polyester paint for beauty and durability. Heavy-duty 13 gauge guides attach to 8 gauge wall angles to give maximum windload protection.

Installation to masonry or steel is quick and simple with no special preparation or overhead tracks needed.

Steel slide-bolt assemblies at each bottom corner secure the closed door from inside. For added security, the slide-bolts also accept padlocks. A sliding curtain lock is available for securing the door from outside.

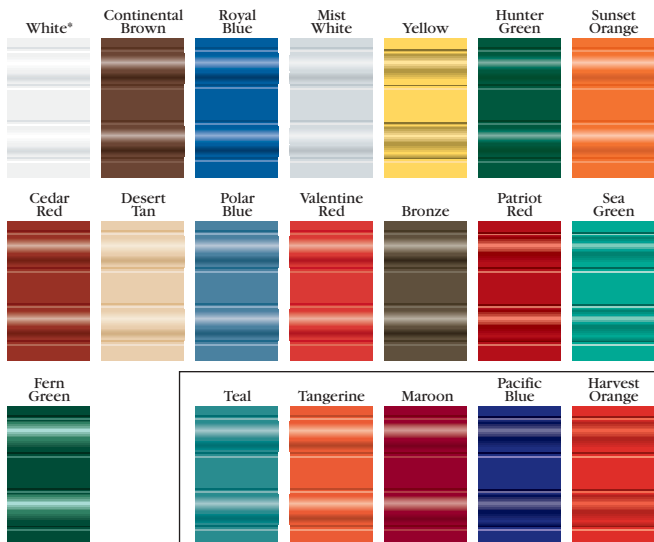
DS-350 Windload Roll-Up Steel Doors are available in sizes up to 16' X 16', and come in a variety of standard and special colors. You get the doors you need with timely delivery and attractive pricing. Write, call or fax us for specifying or ordering information.

DS-350 doors protect against windstorms.



- 1** *Corrugated top sheet assembly* forms a strong torque cylinder for strength and easy operation, and conceals the spring mechanism.
- 2** *Corrugated door curtain available in round or square profile*, curtain is hot-dipped, galvanized 26-Ga. steel, primed then finished with high gloss silicone polyester paint.
- 3** *Polypropylene anti-wear strips* on continuous guides for sliding metal parts, providing quieter operation and longer service life.
- 4** *Cast windlocks* are riveted to curtain as required for windload rating.
- 5** *Axle casting assembly* holds constant door tension, and allows easy adjustments. Heavy-duty steel bracket plates rigidly support axle, spring and door.
- 6** *Drum wheel* is deep-drawn galvanized steel with 1-5/16" steel bearings.
- 7** *Bottom angle assembly* includes heavy-duty steel angle, extruded aluminum bottom bar and replaceable tubular-type vinyl astragal.
- 8** *Slide-bolt assemblies* made of heavy-duty steel lock the closed door from inside at the bottom corners. For added security, both slide bolts accept padlocks. Exterior curtain lock also available.
- 9** *Windload door guides* are formed from 13-Ga. galvanized steel. DS-350 guides install readily to masonry, concrete, or steel construction.
- 10** *Automatic door stops* prevent door from rolling up past header.
- 11** *Tempered steel springs* are engineered to counterbalance different door sizes and weights for smooth, easy operation and long service life. Both springs are clip-welded to the axle for correct location and extension.
- 12** *Heavy-duty steel axle* supports door curtain and counterbalance system.

20 Year Warranty Against Chalk and Fade



10 Year Warranty Against Chalk and Fade

* White is also available in a Glossy White finish



Optional direct-drive chain hoist is available for doors to 10' wide or high, standard for larger doors.



Optional 4:1 reduce-drive chain hoist is available for doors over 12' wide or high.



Optional electric operator kit adapts any door to motorized operation.

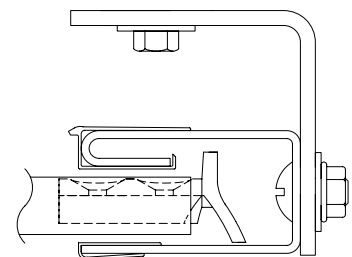


Optional steel mounting plates provide lateral extension of jambs.



Optional door insulation features two layers of aluminum mylar film laminated to two layers of heavy-

duty polyethylene air-bubble material. Its "R"-value of 4 helps control heat gain/loss. Includes flexible vinyl top and side draft stops as weather seals between the door and the building.



Guide Detail (Inside)

Warranty: Wayne-Dalton Corp. and its subsidiaries back all of their doors and fittings with a LIMITED WARRANTY against defects in materials and workmanship. Paint has a limited warranty to hold up against weather induced chipping, cracking, and peeling for 25 years. Refer to each color for the number of years warranted not to chalk or change color. A copy of this warranty is available upon request.

Because of continuing product improvements, we reserve the right to change the product specifications and designs without prior notice.



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