



3

INCH THICK

**CFC/HCFC
FREE
POLYURETHANE
CORE**

24

R VALUE

**HIGH
THERMAL
EFFICIENCY
RATING**

26

GAUGE

**RIBBED
STUCCO
EMBOSSED
FACE**

COMMERCIAL & INDUSTRIAL OVERHEAD DOORS

Specifications

GENERAL

• Doors shall be Weather Breaker Model 300 insulated steel sectional overhead type as produced by General Doors Corp., Bristol, PA.

SECTIONS

• Door sections shall be of steel/polyurethane/steel sandwich type construction, 3" thick, manufactured in a continuous process using CFC free foam yielding a calculated R-value of 25.54. Section design includes a thermal break to limit conductivity of heat and cold, three EPDM bulb seals between sections, and a U-shaped flexible weather-strip with continuous retainer across bottom of door. Sections will be furnished with reinforcing struts as required to meet minimum 15 psf wind load (wind speed of 90 MPH). Higher wind load ratings are available where required to prevent air passage.

• Exterior:

The skin shall be hot dipped galvanized commercial quality steel no less than .016" thick (26 GA) embossed with a stucco texture and reinforced by roll formed horizontal ribs.

• Factory Finish:

The finish is a two coat baked-on polyester paint system in White.

• Interior:

The skin shall be hot dipped galvanized steel pre-painted white no less than .016" thick (26 GA) reinforced with roll formed horizontal ribs. Inside skin of each section shall have continuous internal reinforcement for hardware attachment.

• End Caps:

To be 16 GA galvanized steel.

TRACK:

• Galvanized steel track shall be 2" or 3" as required. Bracket mounted track is standard for wood jambs, reverse angle mounted track is standard for steel jambs. Vertical track shall be tapered for use with graduated hinges to provide a weather tight closure. Horizontal track shall be reinforced with galvanized steel angle engineered to door size and weight. All reinforcing angle and mounting brackets to be welded to track, except where adjustment is required.

HARDWARE:

• All hinges and brackets to be minimum 14 GA galvanized steel. All rollers to have 10-ball bearings with case hardened races. Galvanized aircraft type lift cable to have minimum 5:1 safety factor. Counterbalance assembly shall consist of oil tempered torsion springs mounted on a continuous cross header shaft supported by roller bearings, designed for each door to provide a minimum of 10,000 operating cycles.

Options

- Exhaust Ports
- Insulated glass lites
- Top Seal
- Wind load package
- Exterior operated cylinder lock
- High cycle torsion springs



Full View Section



34" x 16" Lites



24" x 12" Lites



24" x 8" Lites

Meets or exceeds standards of ANSI/DASMA 102-2011, Specifications for Sectional Doors.

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Your Local Authorized General Doors Distributor:

Green Building Benefits

- Optimize energy performance from insulation value
- Recycled content and recyclable material
- Product longevity
- Regional manufacturing (less transportation)

