



ARM-R-LITE

DOOR MANUFACTURING CO., INC.

24 nominal
gauge steel
NOW IN STOCK!

Ribbed Steel Series

Industrial & Commercial Sectional Garage Doors



Quality Full Gauge

galvanized, cold-rolled steel sections with reinforcing ribbed design

Prefinished

exterior surface with polyester coat over polyurethane primer

Steel Hardware

formed from heavy gauge galvanized steel for smooth operation

Precision

engineered reinforcing struts as needed, help these doors stand up to the rugged demands of industrial use

Superior Lifting Ability

exceeds industry specification standards

Full View Aluminum Sections

available up to 24 feet
 $\frac{1}{8}$ ", $\frac{1}{4}$ " or $\frac{7}{16}$ " insulated glass

Custom Colors Available!



ARM-R-LITE

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Ribbed Steel Series

4225	nominal 24 gauge steel - smooth/ribbed available in white/brown
4324	24 gauge steel - smooth/ribbed - white only
4420	20 gauge steel - smooth/ribbed - white only
4520	20 gauge steel - smooth/flush - white only
4616	16 gauge steel - smooth/ribbed - white only

Part I General

- 1.01** Sectional overhead doors shall be as supplied by ARM-R-LITE. Doors shall be constructed of prefinished galvanized steel.

Part 2 Product

2.01 SECTIONS

Section shall be roll formed of commercial quality galvanized cold-rolled steel. The exterior surface shall be roll-formed with two U-shaped deep ribs and three small "pencil" ribs to provide strength and minimize surface imperfections. The horizontal meeting edges of each section shall be formed of heavy galvanized steel. End stiles shall be box shaped and center stiles shall be hat shaped. All stiles shall be attached to the section with aircraft type "Pop" rivets at points of contact, (i.e., face and return bends). Thickness of each section shall be 2" minimum.

2.02 TRACK

2" or 3" track shall be manufactured from heavy gauge galvanized steel. Vertical track shall be attached to wood jambs with adjustable brackets or continuous angle. Horizontal track shall be reinforced with heavy galvanized steel angle.

2.03 HARDWARE

Shall be heavy gauge galvanized steel. Rollers shall have a continuous steel rim, encasing ten hardened 1/4" diameter steel ball bearings. All hinges, brackets and fixtures shall be attached securely to the stiles with 1/4" diameter thread forming bolts. Pre-punched and extruded holes in the stiles shall allow 100% bolt/thread engagement for superior holding power.

2.04 FINISH

Prefinished section material shall be chemically cleaned before application of polyurethane primer followed by a polyester coating on the face side, and a polyester coating on the inside. **CUSTOM COLORS AVAILABLE!**

2.05 REINFORCING STRUTS

Struts shall be supplied, one per section on all ribbed steel doors over 13' 2" wide up to and including doors 18' 2" wide. Doors over 18' 2" wide shall have one additional strut, plus trusses supplied on alternating struts. All ribbed steel doors over 15' 2" wide shall have double end stiles, double roller hinges and long stem rollers.

2.06 COUNTERBALANCE

Counterbalance shall be oil tempered, helical wound, torsion springs. (springs shall be engineered to comply with requirements of DASMA specifications 10,000 cycle minimum). Lift cables shall be aircraft quality, with a minimum safety factor as required in DASMA specifications. (ANSI/DASMA 102.)

2.07 GLAZING

- Full vision aluminum sections available
 - any quantity or combination
- Unique welded construction!!!
- Clear anodized standard – custom colors available
- Industry's strongest construction
- If full view is not required, 24" x 14 1/4" or 24" x 6" lites available; single or double glazed.

Consult factory for other options such as:

- special track
- insulation – polyback, hardboard, or steel backers
- extended cycle springs

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