The Model 324 Commercial Rolling Slat Door

ASTA Door Model 324 (24 gauge) Commercial Rolling Slat Door is produced with the highest quality and durability in the industry. The Model 324 consists of 3” 24 gauge slats with a flat or curved slat profile. The Model 324 has three finish options - White Topcoat, Prime Gray, or Galvanized. The Model 324 is available in sizes up to 16 x 16 or 20 x 12. Standard features include 4:1 reduction gear chain hoist, 13 gauge galvanized guides, and a structural steel bottom bar with weatherseal. The Model 324 is the perfect choice for commercial and industrial applications.
**The Model 324**
Commercial Rolling Slat Door

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**Specifications:**

**Standard Features:**
- **Slat (1)**: 24 gauge galvanized steel cold roll formed in continuous lengths. Galvanized according to ASTM, A653-G90 and finished with baked epoxy primer and/or baked polyester top coat.
- **Endlocks (2)**: Each end of alternate slats to be fitted with endlocks to provide a wearing surface in the guides and to maintain slat alignment. Fastened with 1/4" rivets.
- **Bottom Bar (3)**: Curtain to be reinforced with a bottom bar consisting of a 2" x 1 1/2" x 1/8" thick structural steel angle with end caps or astragal for doors up to 14' wide, otherwise 2" x 2" x 3/16" minimum thickness structural steel angle.
- **Curtain Lock (4)**: Hardened galvanized steel side bolts attached to bottom angle suitable for paddock (padlock shown, if desired).
- **Drum Assembly (5)**: Drum to be formed with 16 gauge galvanized steel sheet rolled around and attached to stamped galvanized steel drums to restrict deflection to .03" per foot of door width.
- **End Bearings to be self lubricating ball bearings.**
- **Guides (6)**: To be roll formed 13 gauge galvanized steel channels up to 14' wide, otherwise 12 gauge galvanized steel channels.
- **Operation (7)**: 4:1 reduction gear chain hoist standard for all sizes.

**Options:**
- **Steel Mounting Plates** - For lateral jamb extension to provide door support.
- **Electric Operation** - Easy, fast motorized operation at a push of a button.
- **Top Draft Stop** - To be set at the header to reduce air infiltration.
- **Guide Weatherseal** - One piece vinyl weatherseal attached to door guide on the non-cold side (Brush seal with retainer available upon request).
- **Vision Panels** - 5' x 3/4" cutout spaced approximately 3" apart and covered with clear Lexan.
- **Insulation (non-steel back)** - 3/4" teflon coated urethane foam strips adhered to flat slat.
- **Windload** - Available design to +40/-37 PSF up to 16' wide, tested to +60/-55 PSF based on ASTM E-330 test method to meet Fonda Building Code requirements.
- **+274/-25.3 PSF design for up to 20' wide also available.**
- **Gauges** - For 22 gauge refer to Model 322.
  For 20 gauge refer to Model 320.

**Dura-Finish Paint Process**

The ASTA process is designed to give a longer life, with less maintenance and much better protection against the elements such as weather and dust. Our method produces one of the best systems in our industry for a longer lasting and more maintenance free finish. Our system produces one of the thickest top coat finishes in our industry.

**Clearance Requirements**

- **1 Piece Standard Guide**
- **1 Piece Heavy Duty Guide**
- **3 Piece 3/16" Structural Steel Guide**
- **3 Piece 1/4" Structural Steel Windload Certified Guide**

*ASTA Door Corporation reserves the right to change engineering specifications without prior notice. Illustrations shown are for general reference and should be verified for construction purposes.*

*Consult customer service or visit our website for head room clearance requirements.*