

INSULATED ROLLING DOOR

THERMISER® DOOR

Models ESD20 & ESD20W (operational wind-load)



MAINTAIN TEMPERATURES AND REDUCE SOUND TRANSMISSION

ENERGY-EFFICIENT CLIMATE CONTROL

Made for interior and exterior openings, Thermiser Doors offer a high-impact solution for environmental separation in settings where climate control, energy efficiency, and product protection are a must.

ADVANCED INSULATION

Thermiser Doors are engineered with advanced, foamed-in-place polyurethane foam insulation—a process that fills air gaps in the slats, significantly increasing thermal resistance. Plus, the foam adds strength and improved sound attenuation.

SOLID UPGRADE

Change isn't what you see; it's experienced. Thermiser Doors create a more comfortable environment for employees while safeguarding equipment and goods. This helps prevent financial loss and keeps employees productive.

A WISE INVESTMENT

Thermiser Doors benefit your bottom line, with lower utility bills, minimal maintenance, and streamlined operations. Doors come with a 2-year/50,000-cycle warranty, covering defects in material and workmanship.

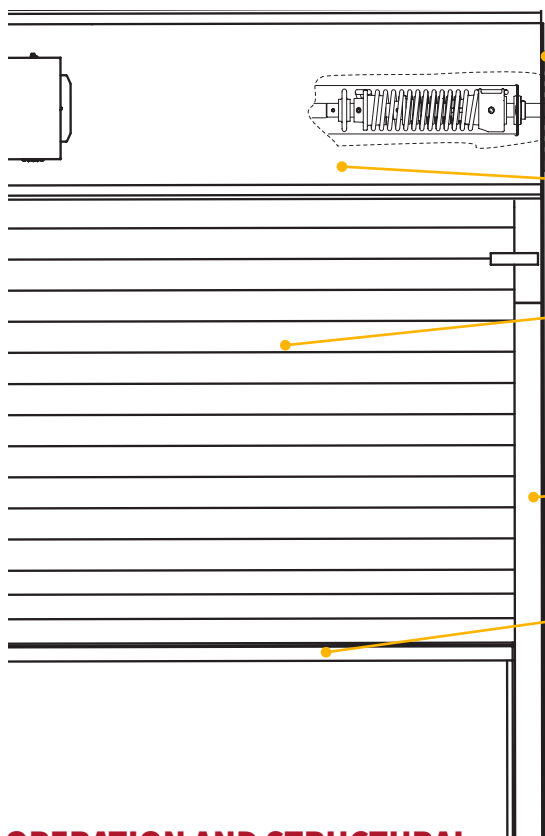
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8.2025

CORNELL
Innovative door solutions.®

INSULATED ROLLING DOOR **THERMISER® DOOR** Models ESD20 & ESD20W (operational wind-load)

STANDARD COMPONENT MATERIALS AND FINISHES



BRACKETS - Steel with powder-coated finish to match the curtain. Bolts to guide assembly and support counter-balance shaft and curtain.

COUNTER-BALANCE SHAFT - Steel, supports the curtain and contains torsion springs for assisting operation.

HOOD - Galvanized steel with GalvaNex™ polyester enamel finish to match the curtain. Encloses the curtain and provides weather resistance at the head of the door.

CURTAIN - Galvanized steel with GalvaNex™ polyester enamel finish in Gray, Tan, White, Black, or Brown. Flame Spread Index of 0 and a Smoke Developed Index of 10, as tested per ASTM E84. Slat has an R-value of 8.0 as calculated using the ASHRAE Handbook of Fundamentals.

GUIDES - Structural steel with powder coating to match the curtain. Angle assemblies bolt to the wall and support the weight of the door.

BOTTOM BAR - If width is less than 24'5", extruded aluminum supplied in mill finish. If width is greater than 24'5", steel supplied with powder coating to match curtain.

OPERATION AND STRUCTURAL REQUIREMENTS

Hand chain, hand crank, and a variety of motor options are available.

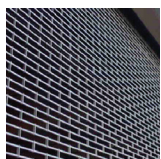
This product is supported by a guide assembly attached to the jamb construction. No additional header support is required unless hood supports are mandated by a larger opening width.

OPTIONAL MATERIALS AND FINISHES

- ▶ Aluminum in Mill, Clear and Color Anodized.
- ▶ Stainless steel - 300 series in #4 finish.
- ▶ 316 stainless steel in #4 finish.
- ▶ Spectrashield® Powder coating in more than 180 colors.
- ▶ For a more durable finish, consider upgrading to our GalvaNex Ultra™ or SpectraShield Ultra™ powder-coat finish.
 - A polyester-based, textured, wear-resistant clear coat that provides increased resistance to corrosion and improved durability against normal abrasion and scratching from cycling.

Brackets, Guides and Bottom Bar

- ▶ Hot-dip galvanizing on steel components.
- ▶ Zinc-enriched, corrosion-resistant powder coating in Gray.



CUSTOM-DESIGNED SOLUTIONS

Contact our experienced Architect Design Support Team for help in customizing our products to fit your specific application.

 www.architectdoorhelp.com