

INSULATED ROLLING DOOR

THERMISER MAX[®] DOOR

Model ESD30



TODAY'S MOST ENERGY EFFICIENT ROLLING DOOR

PROVEN PERFORMANCE

The Thermiser Max[®] Door is made for exterior openings requiring strict environmental separation. This insulated door meets ASHRAE[®] 90.1, 2021 IECC[®] and California's Title 24 air infiltration requirements with an independently tested value of less than 0.3 CFM/ft².

PATENTED SEALING SYSTEM

Our advanced perimeter seal and thermally-broken guide construction dramatically reduce air leaks and heat transfer, ensuring comfort and lowering energy costs.

SUSTAINABLE PERFORMANCE

Boasting a 94% decrease in air infiltration compared to standard products, this door can also contribute up to 38 credits in five LEED categories.

NOISE REDUCTION

Thermiser Max delivers an STC rating up to 30. For STC 32, contact the factory for options. All configurations are ASTM E90 tested on complete, operable assemblies.

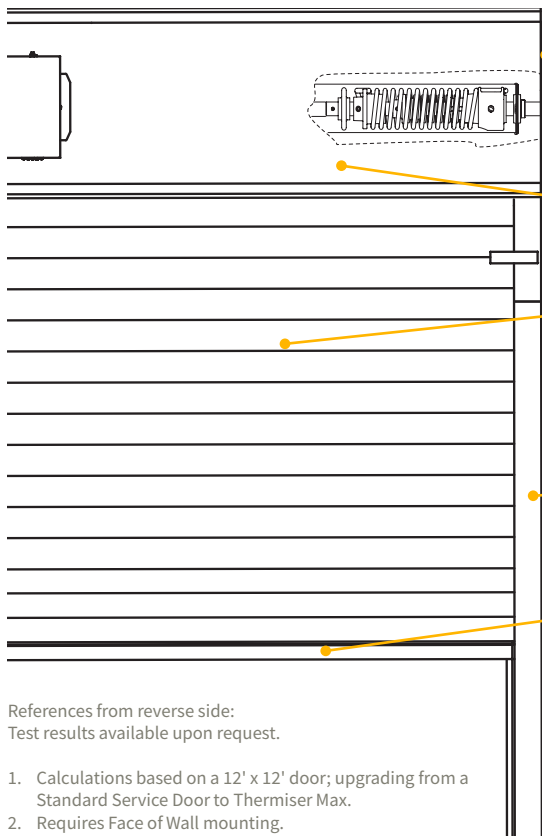
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CORNELL
Innovative door solutions[®]

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STANDARD COMPONENT MATERIALS AND FINISHES



References from reverse side:
Test results available upon request.

1. Calculations based on a 12' x 12' door; upgrading from a Standard Service Door to Thermiser Max.
2. Requires Face of Wall mounting.
3. Calculated using data from an ASHRAE research report for standard coiling doors.

BRACKETS - Powder-coated steel brackets match the curtain, bolting to the guide assembly to support the counterbalance shaft and curtain.

COUNTER-BALANCE SHAFT - Steel construction supports the curtain and houses torsion springs for assisted operation.

HOOD - Color-matched GalvaNex™ finished galvanized steel encloses the curtain and provides weather protection.

CURTAIN - Galvanized steel with GalvaNex™ finish - available in Gray, Tan, White, Black, or Brown boasts a Flame Spread Index of 0 and Smoke Developed Index of 10 (ASTM E84 tested), with slats offering an R-value of 8.0 as calculated per the ASHRAE Handbook of Fundamentals.

GUIDES - Thermally broken structural steel guides with powder coating match the curtain, and angle assemblies bolt to the wall to support the door's weight.

BOTTOM BAR - For widths under 24'5", the bottom bar is extruded aluminum with a Mill finish; for widths over 24'5", powder-coated steel matches the curtain.

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.
 - It is a polyester based textured wear resistant clear coat that provides increased resistance to corrosion of the curtain and improved durability against normal abrasion and scratching due to cycling.

Brackets, Guides and Bottom Bar

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

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.

CUSTOM-DESIGNED SOLUTIONS

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

 www.architectdoorhelp.com

