591

THERMACORE® DOOR SYSTEMS

INSULATED SECTIONAL DOORS



THE BEST SELLING SYSTEM
IN THE THERMACORE® LINE.

EXCEPTIONAL THERMAL EFFICIENCY
FOR EXTREME CLIMATIC CONDITIONS.

OVERHEAD DOOR®

INDUSTRY EXPERTS,
DELIVERING TOTAL SOLUTIONS

Standard Features at a Glance

Thermal efficiency

U-factor[1]	0.19
R-value[2]	14.86 (2.63 K m²/W)
Thermal break	PVC
Air infiltration	at 15 mph (24 kmph): .08 cfm/ft² (1.46 m³/hr/m²) at 25 mph (40 kmph): .08 cfm/ft² (1.46 m³/hr/m²)
IECC®	Meets IECC® requirements for maximum U-factor of operable fenestrations (2021 Section C402.4) with a 3rd party certified tested value of less than 0.37

Construction

Panel thickness	1 5/8" (41 mm)
Max width	35'2" (10719 mm)
Max height	24'1" (7341 mm)
Exterior steel	.015" (.38 mm) galv.
Exterior surface	Ribbed, textured
Standard springs	10,000 cycle

Color options

Interior colors	White
Exterior colors	White, Black, Tan, Gray, Industrial Brown

Limited warranty 10-year delamination
1-year door
3-year/20,000 cycle door and operator system (material and workmanship)

Options

- Glazing: Insulated glass, tempered glass, polycarbonate, multi-wall polycarbonate, etc.
- Thermal glazing
- Aluminum sash section available to 24'2" (7366 mm) wide
- Four-section pass door
- High-usage components
- High Performance fluoropolymer coating - (Trinar® or equivalent); White, Brown, Beige
- Wind load options
- Electric operator
- Chain hoist
- Posi-Tension™ drums
- Safety bottom fixtures
- Bottom-sensing edge
- Flexible jamb, header seal
- Exhaust ports

DASMA Door & Access Systems Manufacturers Association International
THERMAL PERFORMANCE VERIFICATION PROGRAM
www.dasma.com/thermal

Overhead Door™ Brand participates in the DASMA Thermal Performance Verification Program. The program verifies the thermal performance of sectional doors. The lower the U-factor rating, the better the thermal performance.

Symbol indicates verified U-factor rating in accordance with the DASMA Thermal Performance Verification Program.

[1] U-Factors are based on independent testing and verified per ANSI/DASMA 105. For products other than aluminum full-view doors, testing was conducted on specific sizes of solid doors. Actual thermal performance may vary by door size and configuration.

[2] R-value is a measure of thermal efficiency. The higher the R-value the greater the insulating properties of the door. Overhead Door Corporation uses a calculated door section R-value for our insulated doors.

Cover image: *Double Thermal Acrylic lites, Black finish*

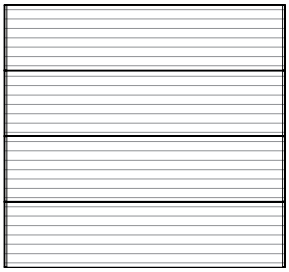
The most thermally efficient door system

This 1 5/8" (41 mm) thick, steel-polyurethane-steel panel construction, heavy-duty door fits a wide range of opening sizes and the spectrum of applications — making it the best-selling door system in the Thermacore® line and one of the most-specified insulated sectional doors in the industry. Boasting a U-factor[1] of 0.19 and an R-value[2] of 14.86 (2.63 K m²/W), one of the best air infiltration ratings, the Thermacore® 591 will meet or exceed almost any thermally efficient application requirement.

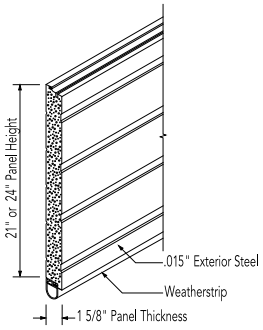


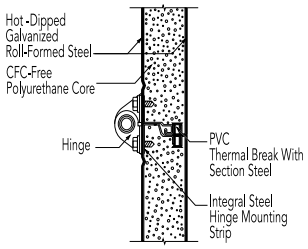
Double Thermal Acrylic windows, White finish

Panel options

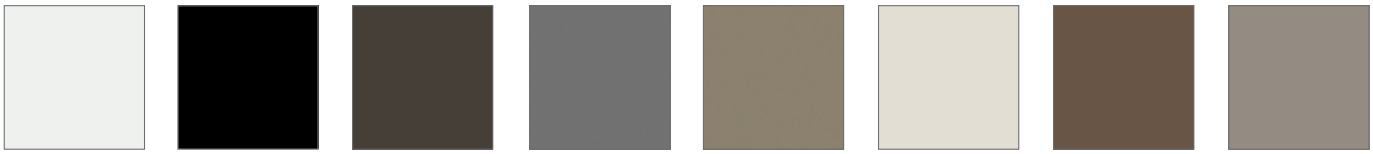


Ribbed, textured panel





Color options



White | Black | Industrial Brown | Gray | Tan | Trinar White | Trinar Brown | Trinar Beige

Fluoropolymer coating (Trinar® or equivalent) finish option offers superior performance in White, Brown and Beige.

Actual colors may vary slightly from brochure due to fluctuations in the printing process.
Ask your Overhead Door™ Distributor for color samples.

Glazing options



Double Thermal Acrylic (25" x 12")



Aluminum Sash Section* with DSB glazing
*Standard color White



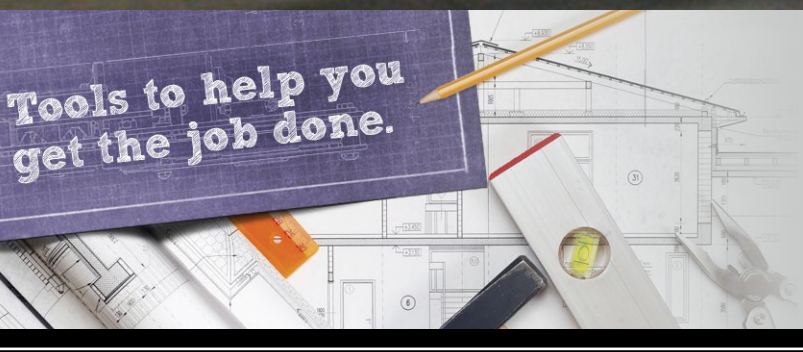
Insulated DSB (24"x 7")

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Model 591 Air Force Academy, Colorado Springs.



Architect's Edge

24/7 Self-service options at overheaddoor.com

- Custom Automated Drawing Generator
- Specs
- CAD Drawings
- BIM Object Library
- Continuing Education
- Architectural Services Contact

The original, innovative choice for unequalled quality and service.

Overhead Door Corporation pioneered the sectional garage door industry, inventing the first sectional garage door in 1921 and the first electric door operator in 1926. Today, we continue to be the industry leader through the strength of our product innovation, superior craftsmanship and outstanding customer support, underscoring a legacy of quality, expertise and integrity. That's why design and construction professionals specify Overhead Door™ products more often than any other brand. Our family of over 400 Overhead Door™ Distributors across the U.S. and Canada not only share our name and logo, but also our commitment to excellence.

OVERHEAD DOOR®

**INDUSTRY EXPERTS,
DELIVERING TOTAL SOLUTIONS**

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