

# 592/599

# THERMACORE<sup>®</sup> DOOR SYSTEMS



INSULATED SECTIONAL DOORS




THE BEST TECHNOLOGY.  
HIGH THERMAL EFFICIENCY.  
DURABLE.



INDUSTRY LEADING  
COMMERCIAL & INDUSTRIAL SOLUTIONS

**Standard Features at a Glance**

**Thermal efficiency**

U-factor <sup>1</sup> 	0.10
R-value <sup>2</sup>	17.50 (3.09 K m <sup>2</sup> /W)
Thermal break	PVC
Air infiltration	at 15 mph (24 kmph): .08 cfm/ft <sup>2</sup> (1.46 m <sup>3</sup> /hr/m <sup>2</sup> )

**Construction**

Panel thickness	2" (51 mm)
Max height	32'1" (9779 mm)
Max width	40'2" (12243 mm)
Exterior steel	.015" (.38 mm)
Exterior surface	Model 592: Ribbed, textured Model 599: Flush, textured
Standard springs	10,000 cycle
STC rating	Class 20

**Color options**

Interior colors	White
Exterior colors	Model 592: White, Black, Industrial Brown, Tan, Gray Model 599: White

**Limited warranty**


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

**Options**

- Thermal glazing
- Wind load options
- Four-section pass door
- High-usage components
- 592 only: Trinar finish option available in white, brown, and beige (20-year limited warranty)
- Electric operator
- Chain hoist
- Posi-Tension® drums
- Stop bottom fixture
- Bottom sensing edge
- Header and jamb seal
- Aluminum sash section available to 24'2" (7366 mm) wide
- Exhaust ports



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.

<sup>1</sup> U-factor is a measure of thermal efficiency. The lower the U-factor the greater the insulating properties of the door. U-factor is independently tested and verified per ANSI/DASMA 105 using solid doors and specific product sizes.

<sup>2</sup> 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:** Model 592, Aluminum Sash Section with DSB Glazing windows, custom paint finish

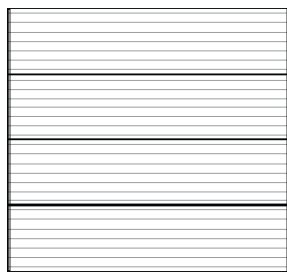
## The most thermally efficient door system

With a U-factor of 0.10 and an R-value of 17.50 (3.09 K m<sup>2</sup>/W), the Thermacore® Models 592/599 are the energy-efficient door of choice for commercial use. The 592/599 also incorporate a thermal break and joint seal to prevent thermal transfer between exterior and interior door panel skins. The door is designed for the most demanding situations, including high-cycle, wind load and thermal applications. Built with the best technology in the business.

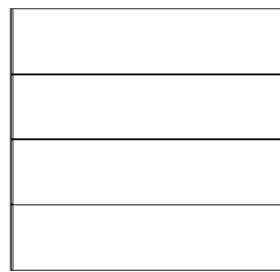


Model 592, Double Thermal Acrylic windows, White paint finish, pass door

## Panel options



**Model 592**  
Ribbed, textured panel



**Model 599**  
Flush, textured panel

## Color options

### Model 592



White



Black



Industrial  
Brown



Tan



Gray

### Model 599



White

Optional: Trinar White, Trinar Beige and Trinar Brown.

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

## Glazing options



Double Thermal Acrylic (25" w by 12" h)



Aluminum Sash Section with DSB glazing



Insulated DSB (24" w by 7" h)

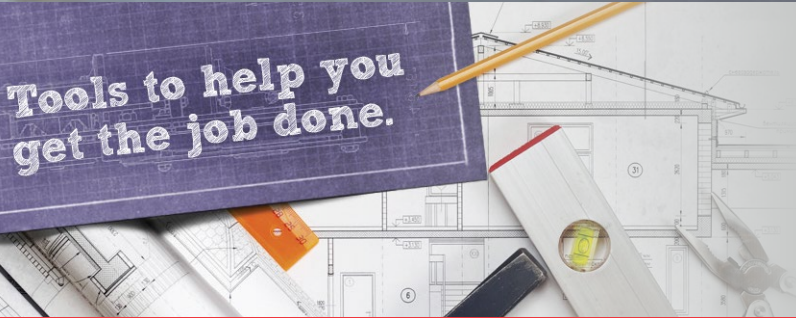


Clear Long\* (44" w by 15" h)

\*Not available on doors wider than 20'2".



Model 599, Air Force Academy, Colorado Springs.



## Architect's Corner

A resource for architects, containing comprehensive technical and resource materials to support your project, including drawings and specifications for commercial doors.

[www.overhaddoor.com](http://www.overhaddoor.com)

**The original, innovative choice for unequalled quality and service.**

Overhead Door Corporation pioneered the upward-acting door industry, inventing the first upward-acting 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.



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