



# THERMOMARK™ 5155/5255

INSULATED SECTIONAL STEEL DOORS



## WAYNE DALTON COMMERCIAL DOORS

### Insulated flush doors provide excellent value

ThermoMark™ 5155 and 5255 insulated doors combine strength, insulation, and aesthetic appeal for commercial projects requiring all three of these features.

Wayne Dalton ThermoMark™ insulated doors help improve thermal efficiency and provide year-round comfort to the building's occupants. Hot-dipped galvanized steel and rugged construction will give years of solid performance for the most demanding conditions.

➤ EXCELLENT THERMAL QUALITIES

➤ 5155: R-VALUE = 12.12  
U-VALUE = .0825

➤ 5255: R-VALUE = 16.22  
U-VALUE = .0616

➤ STANDARD SIZES UP TO  
26' WIDE AND 20' HIGH

➤ RUGGED AND DURABLE



## SECTIONAL DOOR SYSTEMS

### Standard Features Overview

THERMAL EFFICIENCY	Model 5155	Model 5255
R-value	12.12	16.22
U-value	.0825	.0616
Thermal Break	Yes	Yes
Air Infiltration	.23 cfm at 15 mph	.07 cfm at 15 mph

### CONSTRUCTION

Max Height	20'1"	20'1"
Max Width	20'2"	26'2"
Exterior Steel	0.015" (.35 mm)	0.015" (.35 mm)
Exterior Surface	Stucco embossed	Stucco embossed
Interior Surface	Flush	Flush
Standard Springs	10,000 cycles	10,000 cycles
Sound Transmission	Class 20	Class 20

### COLOR OPTIONS

Interior Color	White	White
Exterior Color	White, Almond, Taupe, Brown	White, Almond, Taupe, Brown

### WARRANTY

Seven (7) years against delamination and ten (10) years against cracking, splitting or deterioration due to rust-through. Ten (10) years on insulation value

### Options

- Chain Hoist Operation
- Motor Operation
- High Cycle Spring (25K, 50K, 100K)
- 3" Track Option
- Solid Shafts
- Perimeter Weatherseal
- Broken Cable Devices
- Sensing Edges
- Photo Eyes
- Special Track Designs
- Mullions

**ThermoMark™ insulated doors are designed to deliver rugged durability combined with thermal efficiency.**

These insulated doors, featuring CFC and HCFC-free polyurethane foam insulation, are available with two different R-values.

The ThermoMark™ 5255 is rated with an R-value\* of 16.22, while the ThermoMark™ 5155 features an R-value of 12.12.

### Materials and Construction

The ThermoMark™ 5155 and 5255 both feature hot-dipped galvanized steel construction that is pre-painted prior to manufacturing with a two-coat system of polyester paint with a finished coat (includes primer).

The inside and outside skins are roll-formed and separated with a thermal break to eliminate thermal conductance.

Hinge locations have 20-gauge continuous back up plates for fastening. The bottom astragal is a two-piece bulb-type astragal to be attached to the interior skin.

Section ends have end caps of 18-gauge hot-dipped galvanized steel, and a between-section joint seal is standard.

Contact Wayne Dalton for additional sizes and colors.



\*Wayne Dalton uses a calculated door section R-value for our insulated doors

# THERMOMARK™ 5155/5255



## Color Options

Embossed Stucco Finish



White



Almond



Taupe



Brown

## Lite Options



Vision lites



Full-view lites

**Stucco steel back panels**  
for good looks and easy cleaning.

**Hot-dipped, galvanized steel**  
wrap-around end caps add  
strength, rigidity and long life.

**CFC and HCFC free**  
polyurethane foam.

**Sound absorbing insulation**  
makes door quieter in operation;  
reduces wind rattling.

**Two-coat, baked-on polyester**  
finish makes surface virtually  
maintenance free.

**Bulb-shaped bottom seal**  
remains flexible even in extreme cold  
to help keep the bad weather outside.



## General Operating Clearances

Type	Headroom		Sideroom		Depth into Room	Center Line of Springs		
	2" Track	3" Track	2" Track	3" Track	2" and 3" Track	2" Track	3" Track	
Standard Lift Manual 12" R	13"-17"	NA	4.5"	5.5"	Opening Height +18"	Opening Height +12"	N/A	
Standard Lift Manual 15" R	15"-20"	16"-21"				Opening Height +13"	Opening Height +14"	
Standard Lift Motor Oper. 12" R	15"-20"	NA			Opening Height +66"	Opening Height +12"	N/A	
Standard Lift Motor Oper. 15" R	15"-20"	18"-24"				Opening Height +13"	Opening Height +14"	
High Lift Manual	Door High +12"				Opening Height –Lift +30"		Opening Height +Lift +6.5"	Opening Height +Lift +7.5"
High Lift Motor Oper.								
Vertical Lift Manual 12" R	Door Height +20"		4.5"	5.5"	Opening Height +18"	Double Door Height +13"		
Vertical Lift Motor Oper. 12" R			24" One Side					
Low Headroom Manual	6"-15"	6"-15"	6"	9"	Opening Height +20" -26"	N/A		
Low Headroom Motor Oper.	9"-17"	9"-17"			Opening Height +66"			

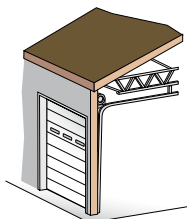
### NOTES:

1. For low headroom, springs must be rear mount to achieve minimum headroom listed. Front mount torsion headroom depends on drum size, and varies over the range listed. See approval drawings.
2. Side-room of 8" required, one side, for doors with chain hoist.
3. Headroom depends on drum size, and varies over the range listed. See approval drawings.

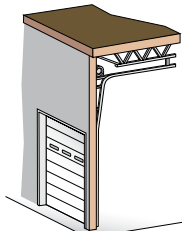
## Panel/Section Selection Guide

Door Section and Lite Selection			Door Height and Section Selection	
Door Width	Number of Panels	Maximum Number of Windows	Door Height	Number of Sections
8'2" to 9'2"	2	2	Up to 8'1"	4
9'3" to 12'2"	3	3	8'2" to 10'1"	5
12'3" to 16'2"	4	4	10'2" to 12'1"	6
16'3" to 19'2"	5	5	12'2" to 14'1"	7
19'3" to 24'2"	6	6	14'2" to 16'1"	8
24'3" and 26'2"	7	7	16'2" to 20'1"	9
			18'2" to 20'1"	10

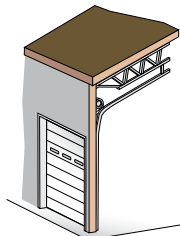
## Track Selection Guide



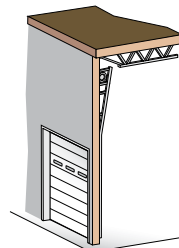
Standard Lift



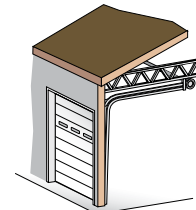
High Lift  
(break-away is standard, straight incline is available)



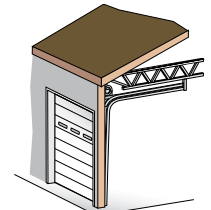
Roof Pitch  
(standard or high lift)



Vertical Lift  
(break-away is standard, straight incline is available)



Low Headroom  
(rear mount torsion)



Low Headroom  
(front mount torsion)

FOR TECHNICAL INFORMATION, VISIT [WWW.WAYNE-DALTON.COM/COMMERCIAL](http://WWW.WAYNE-DALTON.COM/COMMERCIAL)

## Architect Resource Center

[www.wayne-dalton.com/commercial](http://www.wayne-dalton.com/commercial)

Go to [www.wayne-dalton.com/commercial](http://www.wayne-dalton.com/commercial) and click on the Architect Resource Center. Here you will quickly find all of the specifications, drawings and documents you need to complete your project.



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