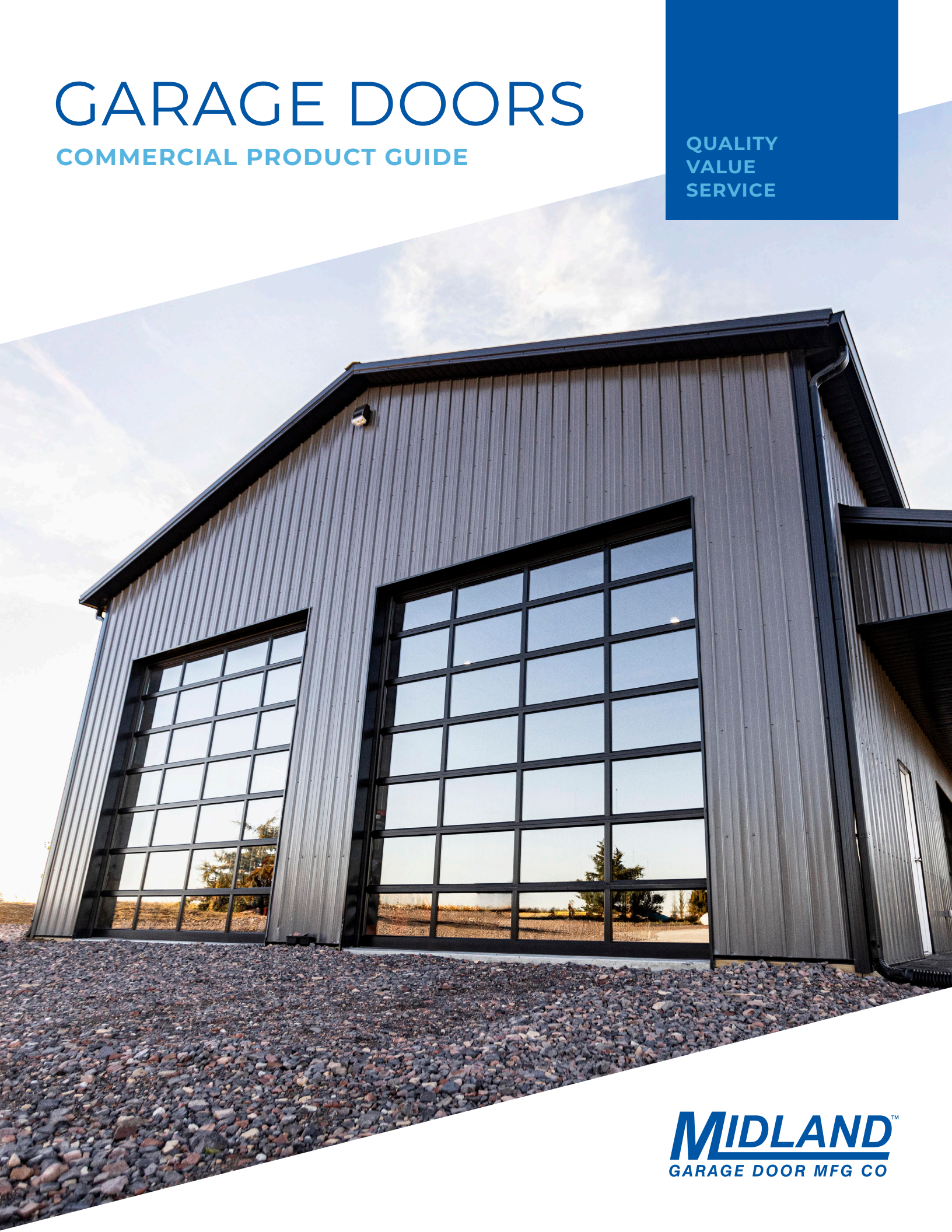


# GARAGE DOORS

COMMERCIAL PRODUCT GUIDE

QUALITY  
VALUE  
SERVICE



**MIDLAND**<sup>TM</sup>  
GARAGE DOOR MFG CO

# COMMERCIAL THERMOGUARD™

UNCOMPROMISING  
QUALITY AND  
STRENGTH



## COLORS



White Almond Sandtone Tera-Bronze Green



Gray Coffee Black Burnished Slate



Color Select™

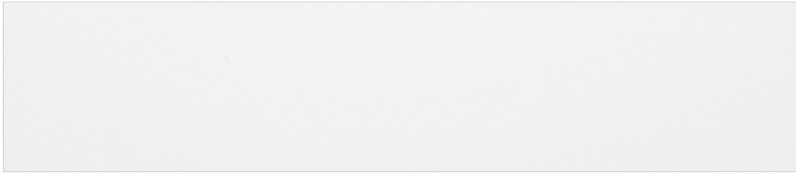
## STEEL EMBOSSING





Pebble Woodgrain

*Printed colors may not be accurate. Contact your Midland dealer for exact color samples*

## PANEL DESIGN



### SPECIFICATIONS

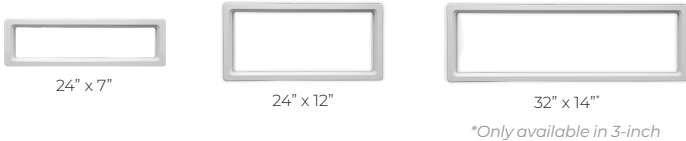
	3-Inch ThermoGuard™	2-Inch ThermoGuard™
<b>U-Factor</b> R-Value	<b>0.11</b> 26.0 	<b>0.14</b> 18.0 
Foam/Insulate	Polyurethane	Polyurethane
Thickness	3 inches	2 inches
Maximum Width	40 ft. 2 In.	32 ft. 2 in.
Exterior Steel	27 gauge <i>20 gauge upgrade, white only</i>	27 gauge <i>20 gauge upgrade, white only</i>
Interior Steel	27 gauge	27 gauge
Warranty* <i>Excludes Springs</i>	10 years	10 years

\*For full warranty details contact your Midland dealer

\*ColorSelect™ uses Sherwin Williams Polane® Solar Reflective Polyurethane Enamel, providing a durable, heat-repelling coating.



## WINDOWS



## TRACK MOUNTING

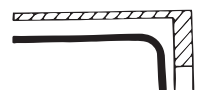


**Reverse Angle Mounted Track**  
Continuous leg-in angle to attach to steel jambs



**Angle Mounted Track**  
Continuous leg-out angle used on larger doors to attach to wood jambs

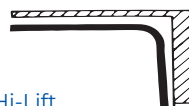
## TRACK CONFIGURATIONS



**Standard Lift**  
For normal installations



**Inclined Track**  
To follow pitch of roof



**Hi-Lift**  
To put horizontal track as close to ceiling as possible



**Vertical Lift**  
Full vertical rise where headroom is available



**Low Headroom**  
For low-clearance installations

## GLASS



Plain

Bronze



Satin\*

Low E



Obscure

Double Dark\*



Gray

\*Tempered only.

## PACKAGE UPGRADES

Heavy-Duty Hardware Package available

# COMMERCIAL ENERGYSAVER™

SIMPLICITY AND  
HEAVY-DUTY  
RELIABILITY



## COLORS



White

Sandtone

Tera-Bronze

Coffee

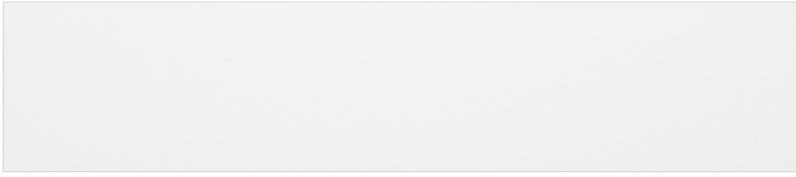
Black





Color Select™

*Printed colors may not be accurate. Contact your Midland dealer for exact color samples*

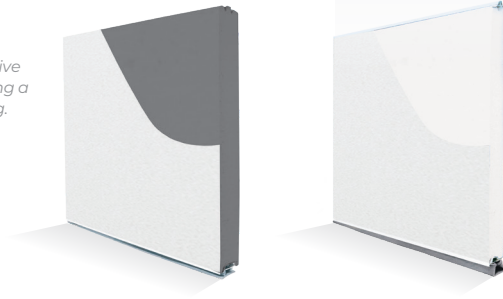
## PANEL DESIGN



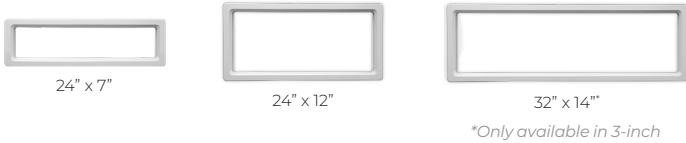
SPECIFICATIONS	3-Inch EnergySaver™	2-Inch EnergySaver™
<b>U-Factor</b> R-Value	<b>0.15</b> 17.05 	<b>0.22</b> 9.25 
Foam/Insulate	Extruded closed-cell polystyrene	Polystyrene
Thickness	3 inches	2 inches
Maximum Width	40 ft. 2 In.	24 ft. 2 in.
Exterior Steel	25 gauge <i>20 gauge upgrade, white only</i>	25 gauge <i>20 gauge upgrade, white only</i>
Interior Steel	25 gauge	25 gauge
Warranty* <i>Excludes Springs</i>	10 years	10 years

\*For full warranty details contact your Midland dealer

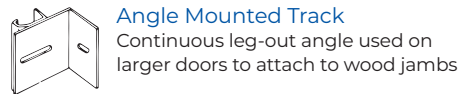
\*ColorSelect™ uses Sherwin Williams Polane® Solar Reflective Polyurethane Enamel, providing a durable, heat-repelling coating.



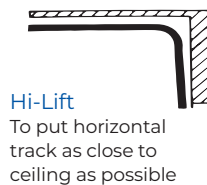
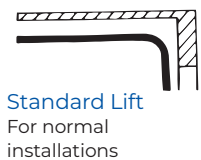
## WINDOWS



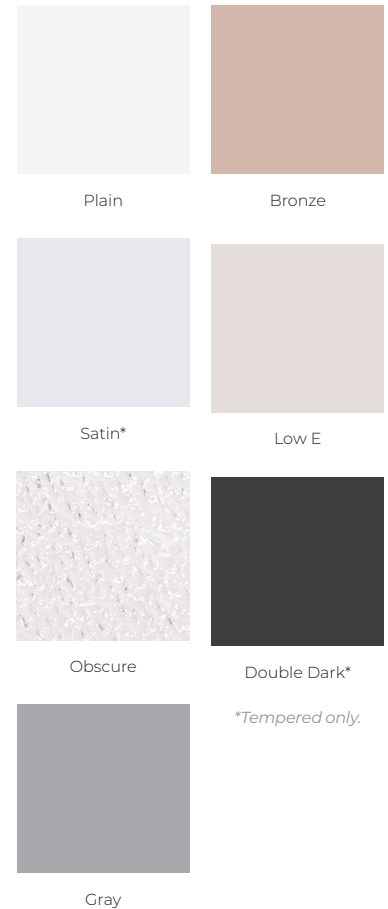
## TRACK MOUNTING



## TRACK CONFIGURATIONS



## GLASS



## PACKAGE UPGRADES

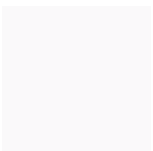
Harsh environment and Heavy-Duty Hardware Packages available

# COMMERCIAL FULLVIEW & STYLIST

NATURAL LIGHT  
WITH STRENGTH  
AND STABILITY



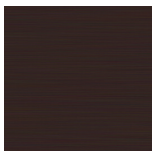
## FRAME COLORS



White



Clear Anodized



Deep Bronze  
Anodized



Black Anodized



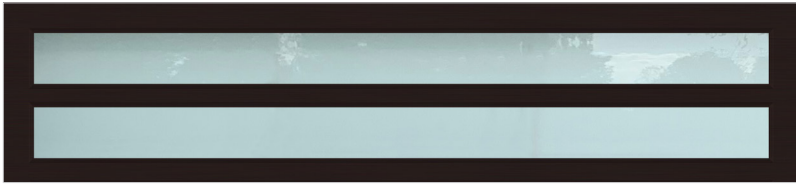
Color Select™

*Printed colors may not be accurate. Contact your Midland dealer for exact color samples*

## PANEL DESIGN

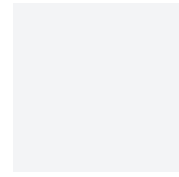


FullView Clear Anodized



Stylist Black Anodized

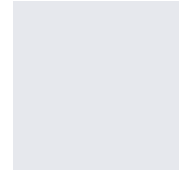
## GLASS



Plain\*\*



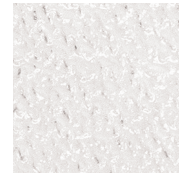
Bronze



Satin\*\*



Low E



Obscure



Double Dark\*


*\*\*Stylist is only available in Plain & Satin Stylist.*



Gray

*\*Tempered only.*

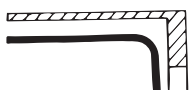
## SPECIFICATIONS

	Stylist	FullView Glass Panel	FullView Anodized Aluminum Panel
<b>U-Factor</b>	Not Tested	<b>0.85</b> 	Not Tested
<b>Frame</b>	6063-T Aluminum	6063-T Aluminum	6063-T Aluminum
<b>Thickness</b>	2 inches	2 inches	2 inches
<b>Glass</b>	½ inch insulated ¾ inch insulated	½ inch insulated ¾ inch non-insulated ⅞ inch non-insulated	—
<b>Panel</b>	—	—	½ inch insulated
<b>Rails</b>	Insulated non-insulated	Insulated non-insulated	Insulated non-insulated
<b>Air Infiltration Seal</b>	•	•	•
<b>Warranty*</b> <i>Excludes Springs</i>	5 years	5 years	5 years

*\*For full warranty details contact your Midland dealer*



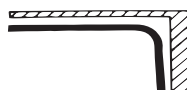
## TRACK CONFIGURATIONS



**Standard Lift**  
For normal installations



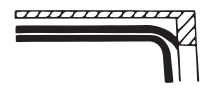
**Inclined Track**  
To follow pitch of roof



**Hi-Lift**  
To put horizontal track as close to ceiling as possible



**Vertical Lift**  
Full vertical rise where headroom is available



**Low Headroom**  
For low-clearance installations

# COMMERCIAL RIBBED CS20, CS24, CS26

RELIABLE  
QUALITY  
PERFORMANCE



## COLORS



Printed colors may not be accurate. Contact your Midland dealer for exact color samples  
\*Only available in CS24

## STEEL EMBOSSING



\*Woodgrain embossing only available in CS24

## PANEL DESIGN



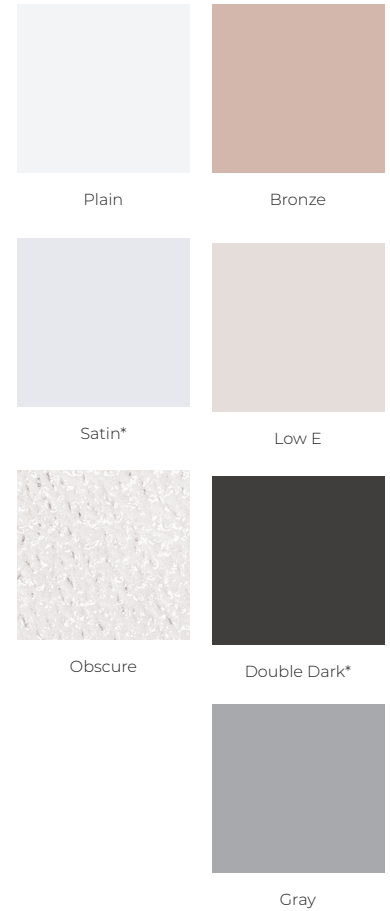
SPECIFICATIONS	CS20	CS24	CS26
Plain Steel U-Factor	Unrated	Unrated	Unrated
<b>U-Factor</b> R-Value: T-Bond:	<b>0.38</b> 7.05	<b>0.38</b> 7.05	<b>0.38</b> 7.05
Thickness	2 inches	2 inches	2 inches
Maximum Width	40 ft 2 in	24 ft 2 in	16 ft 2 in
Exterior Steel	20 gauge	24 gauge	26 gauge
Warranty* <i>Excludes Springs</i>	10 years	10 years	25 years

\*For full warranty details contact your Midland dealer

\*ColorSelect™ uses Sherwin Williams Polane® Solar Reflective Polyurethane Enamel, providing a durable, heat-repelling coating.



## GLASS



\*Tempered only.

## WINDOWS



24" x 5"

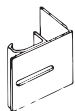


24" x 12"

## PACKAGE UPGRADES

Heavy-Duty Hardware Package available

## TRACK MOUNTING



**Reverse Angle Mounted Track**  
Continuous leg-in angle to attach to steel jambs

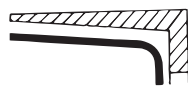


**Angle Mounted Track**  
Continuous leg-out angle used on larger doors to attach to wood jambs

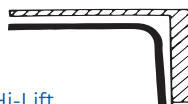
## TRACK CONFIGURATIONS



**Standard Lift**  
For normal installations



**Inclined Track**  
To follow pitch of roof



**Hi-Lift**  
To put horizontal track as close to ceiling as possible



**Vertical Lift**  
Full vertical rise where headroom is available



**Low Headroom**  
For low-clearance installations

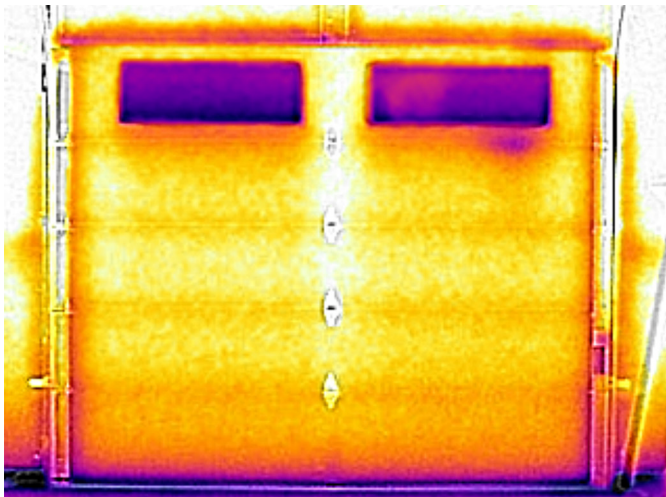
# NOT ALL GARAGE DOORS ARE CREATED EQUAL

## WHERE IS THE PROOF?

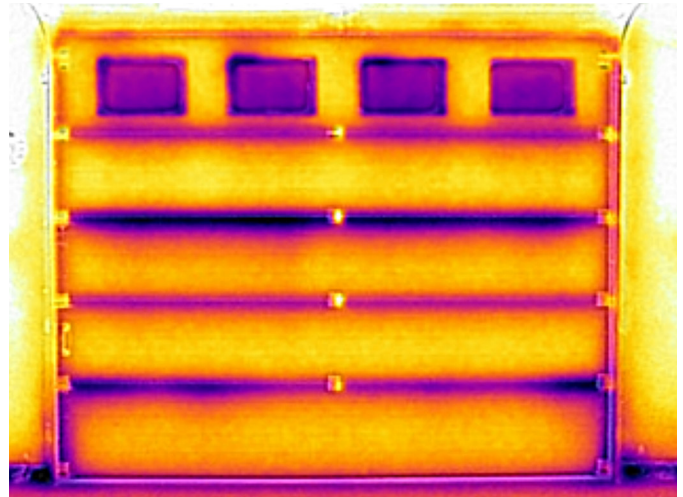
The infrared images below show a side-by-side comparison of a Midland ThermoGuard™ door, next to a competitor's polyurethane door. This was observed with the doors installed next to the other in the same location. The outside temperature was 0°F and the inside temperature was 55°F. The dark areas show where energy loss occurs.



THERMOGUARD™ DOOR



COMPETITOR'S POLYURETHANE DOOR



## WHY DO MIDLAND THERMOGUARD™ DOORS PERFORM BETTER?

1

### TRUE THERMAL BREAK

Midland door sections utilize a true thermal break that minimizes energy loss between sections

2

### SUPERIOR FIT

Midland door sections have tighter and more consistent section gaps

3

### STRUCTURAL RIGIDITY

Concealed full-height vertical center stiles and tailor-made custom end stiles provide structural rigidity

4

### MINIMAL AIR INFILTRATION

A flexible commercial-grade seal between the door sections minimizes air infiltration

5

### MOISTURE RESISTANT

Closed cell end dams help to keep moisture away from insulation

6

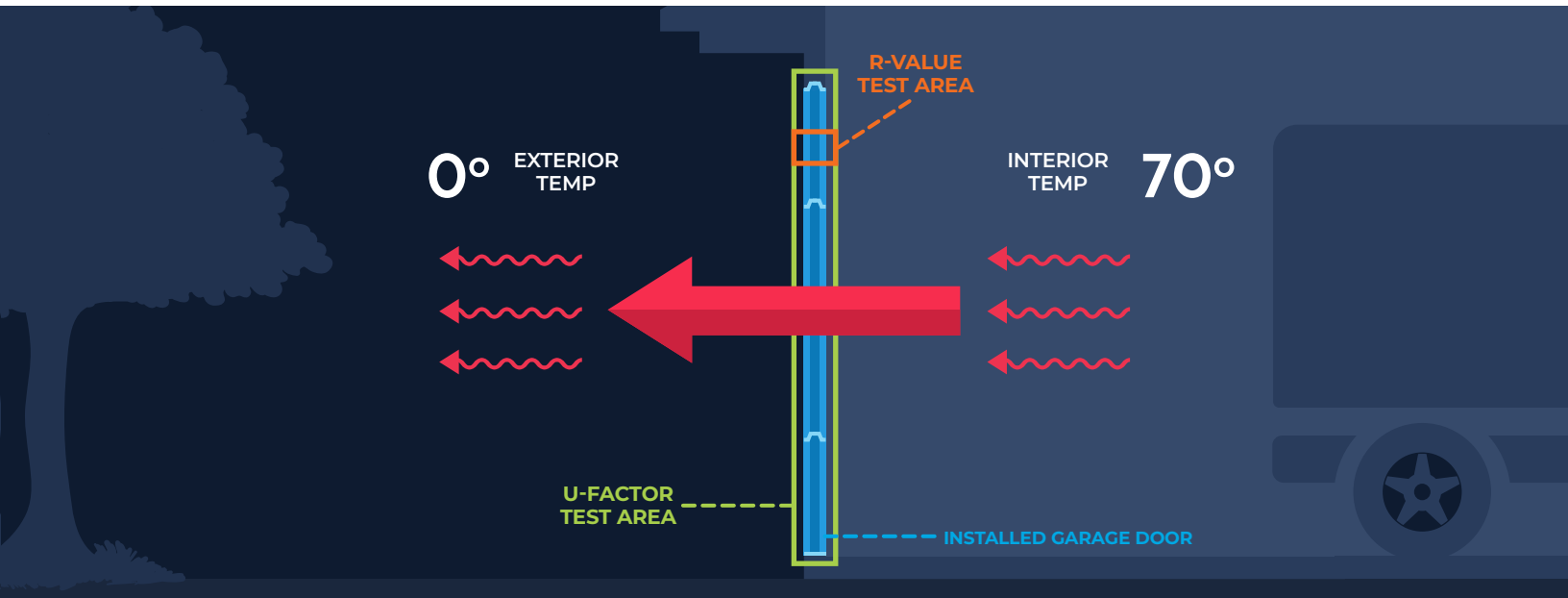
### QUALITY STEEL

Hot dipped galvanized steel, that is conditioned and embossed with a pebble texture for maximum durability

# WHY U-FACTOR MATTERS

## THE KEY TO BETTER ENERGY EFFICIENCY

R-Value is not the most accurate indicator of thermal performance in a garage door. U-Factor is commonly used in energy efficiency standards and is considered a more comprehensive and accurate metric than R-Value.



	U-FACTOR	R-VALUE
<b>Measurement</b>	Thermal Transmittance	Thermal Resistance
<b>Definition</b>	Measures how much heat loss occurs	Calculates how resistant the door is to heat loss
<b>Testing Standards</b>	Third party testing with strict guidelines and inspection	Unregulated with no standard guidelines
<b>Testing Area</b>	Entire installed garage door is tested	Small section is tested and used for resistance calculation
<b>Values</b>	Lower U-factor means better thermal performance	Higher R-value means better thermal performance
<b>Best Application</b>	Complex assemblies like windows and doors	Simple elements of building assemblies like insulation
<b>Reflects Entire Door Performance</b>	✓	
<b>Verified By DASMA</b> <i>Door &amp; Access Systems Manufacturers Association</i>	✓	



### THERMAL PERFORMANCE VERIFICATION PROGRAM

Is a program to certify and verify the thermal performance ratings of sectional doors. Products included in this program will have a badge, label or icon.



# MIDLAND™

GARAGE DOOR MFG CO

NORTH DAKOTA 800.437.4056

MINNESOTA 800.521.0047

NEBRASKA 800.533.8358

UTAH 801.973.9310

[midlandgaragedoor.com](http://midlandgaragedoor.com)

