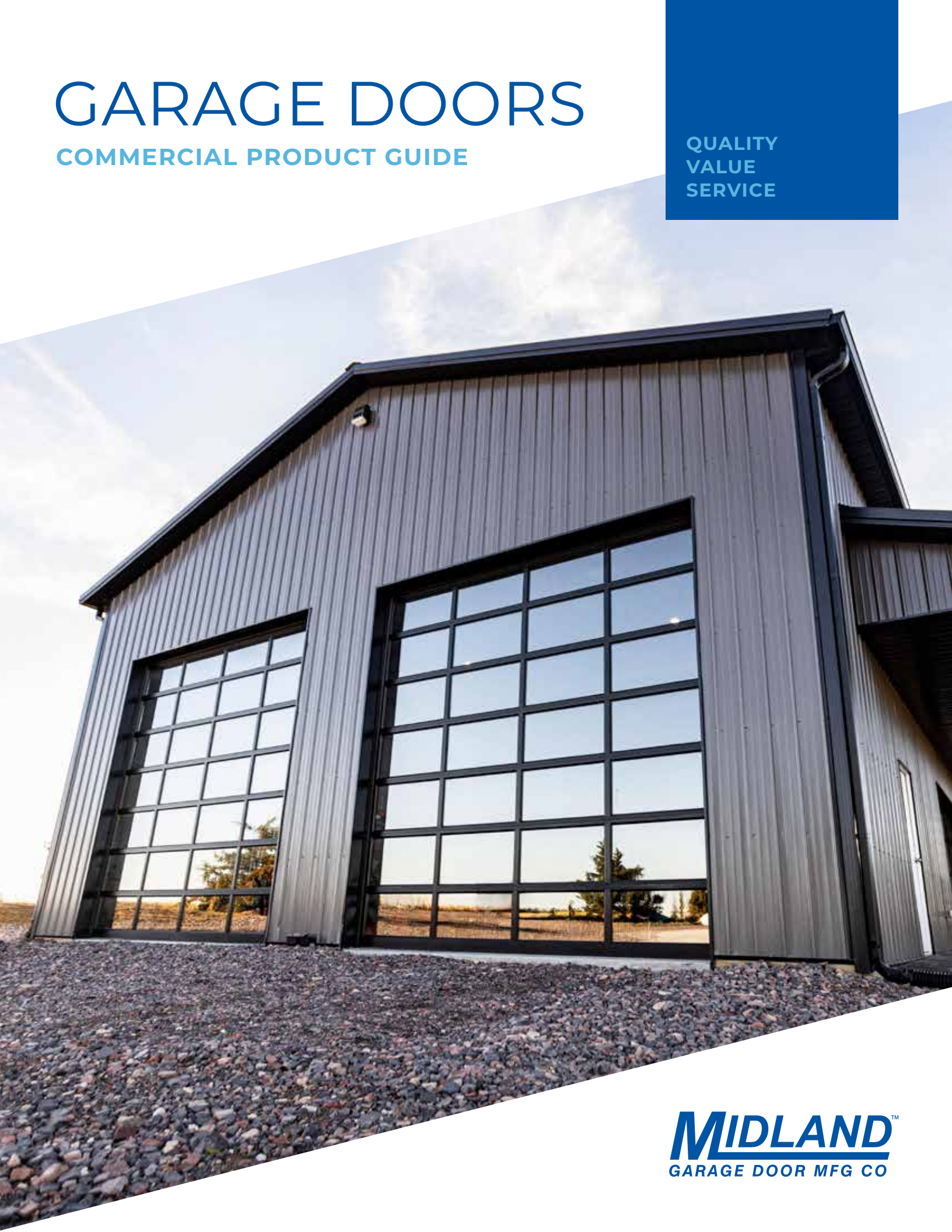


GARAGE DOORS

COMMERCIAL PRODUCT GUIDE

QUALITY
VALUE
SERVICE



MIDLAND[™]
GARAGE DOOR MFG CO

COMMERCIAL THERMOGUARD™

UNCOMPROMISING
QUALITY AND
STRENGTH



COLORS



White Almond Sandtone Tera-Bronze Green



Gray Coffee Black Burnished Slate



Color Select™

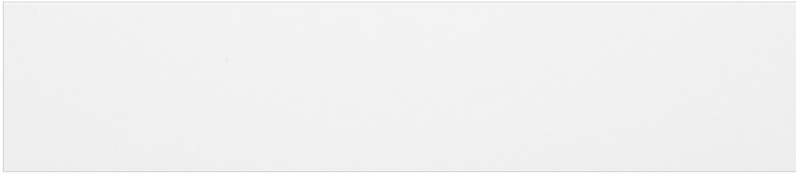
STEEL EMBOSSING





Pebble Woodgrain

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

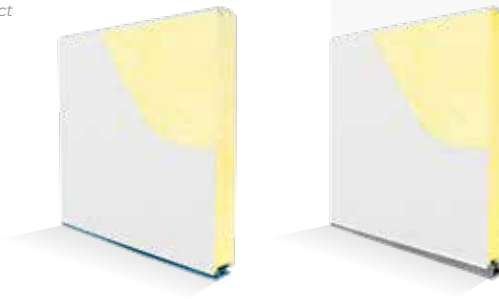
PANEL DESIGN



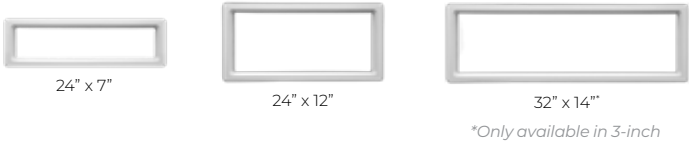
SPECIFICATIONS

	3-Inch ThermoGuard™	2-Inch ThermoGuard™
U-Factor R-Value	0.11 26.0 	0.14 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



WINDOWS



*Only available in 3-inch

TRACK MOUNTING

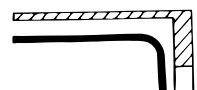


Reverse Angle Mounted Track
Continuous leg-in angle to attach to steel jambs

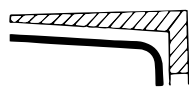


Angle Mounted Track
Continuous leg-out angle used on larger doors to attach to wood jambs

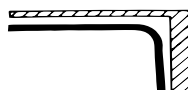
TRACK CONFIGURATIONS



Standard Lift
For normal installations



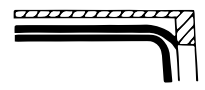
Inclined Track
To follow pitch of roof



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

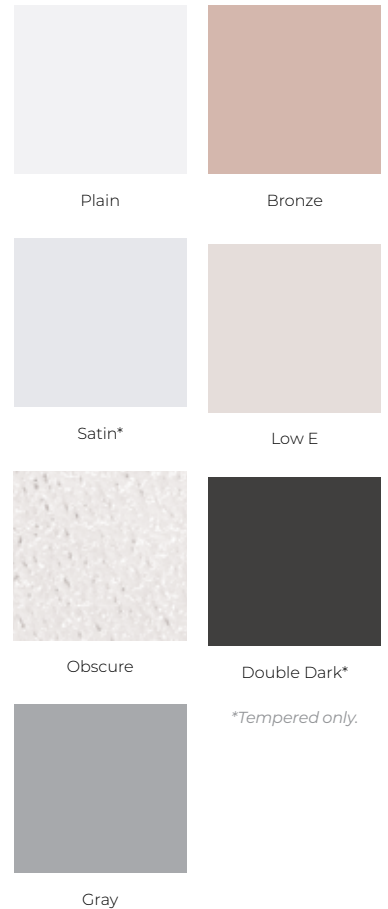


Vertical Lift
Full vertical rise where headroom is available



Low Headroom
For low-clearance installations

GLASS



*Tempered only.

PACKAGE UPGRADES

Heavy-Duty Hardware Package available

COMMERCIAL ENERGYSAVER™

SIMPLICITY AND
HEAVY-DUTY
RELIABILITY



COLORS



White

Sandtone

Tera-Bronze

Coffee

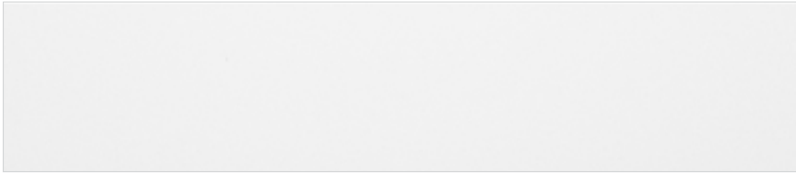
Black





Color Select™

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

PANEL DESIGN

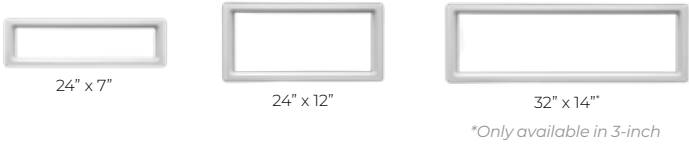


SPECIFICATIONS	3-Inch EnergySaver™	2-Inch EnergySaver™
U-Factor R-Value	0.15 17.05 	0.22 9.25 
Foam/Insulate	Extruded closed-cell polystyrene	Polystyrene
Thickness	3 inches	2 inches
Maximum Width	40 ft. 2 In.	24 ft. 2 in.
Exterior Steel	25 gauge <i>20 gauge upgrade, white only</i>	25 gauge <i>20 gauge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

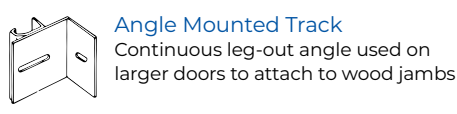
*For full warranty details contact your Midland dealer



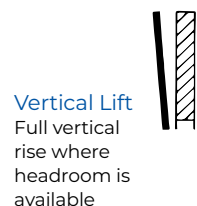
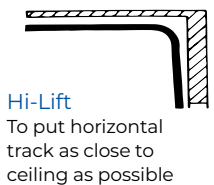
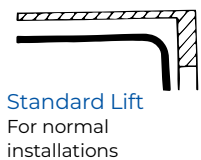
WINDOWS



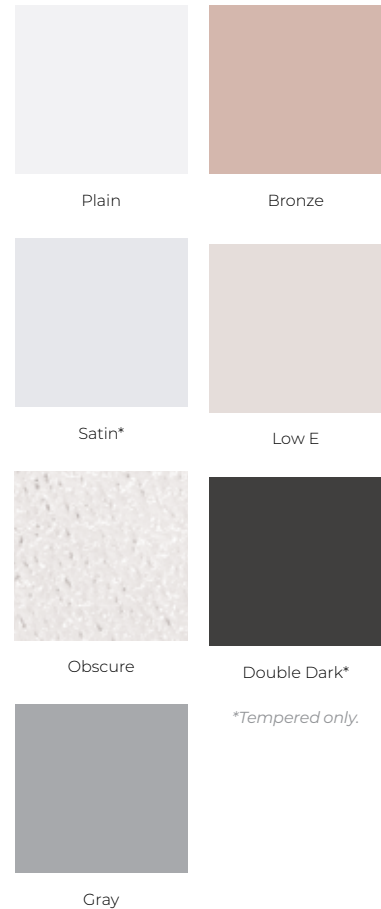
TRACK MOUNTING



TRACK CONFIGURATIONS



GLASS



PACKAGE UPGRADES

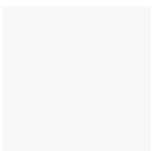
Harsh environment and Heavy-Duty Hardware Packages available

COMMERCIAL
FULLVIEW & STYLIST

NATURAL LIGHT
WITH STRENGTH
AND STABILITY



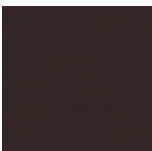
FRAME COLORS



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.*

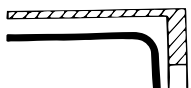
SPECIFICATIONS

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

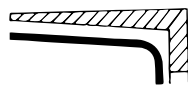
**For full warranty details contact your Midland dealer*



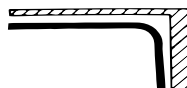
TRACK CONFIGURATIONS



Standard Lift
For normal installations



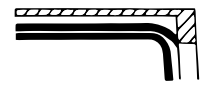
Inclined Track
To follow pitch of roof



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
U-Factor R-Value: T-Bond:	0.38 7.05	0.38 7.05	0.38 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



WINDOWS

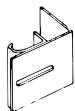


24" x 5"



24" x 12"

TRACK MOUNTING

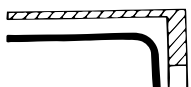


Reverse Angle Mounted Track
Continuous leg-in angle to attach to steel jambs

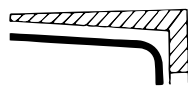


Angle Mounted Track
Continuous leg-out angle used on larger doors to attach to wood jambs

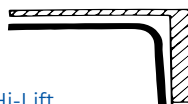
TRACK CONFIGURATIONS



Standard Lift
For normal installations



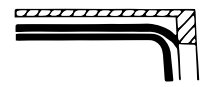
Inclined Track
To follow pitch of roof



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

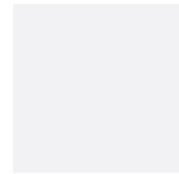


Vertical Lift
Full vertical rise where headroom is available



Low Headroom
For low-clearance installations

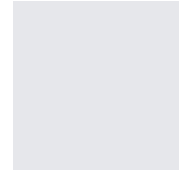
GLASS



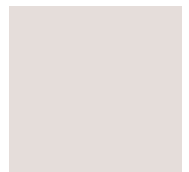
Plain



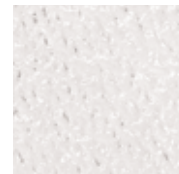
Bronze



Satin*



Low E



Obscure



Double Dark*



Gray

*Tempered only.

PACKAGE UPGRADES

Heavy-Duty Hardware Package available

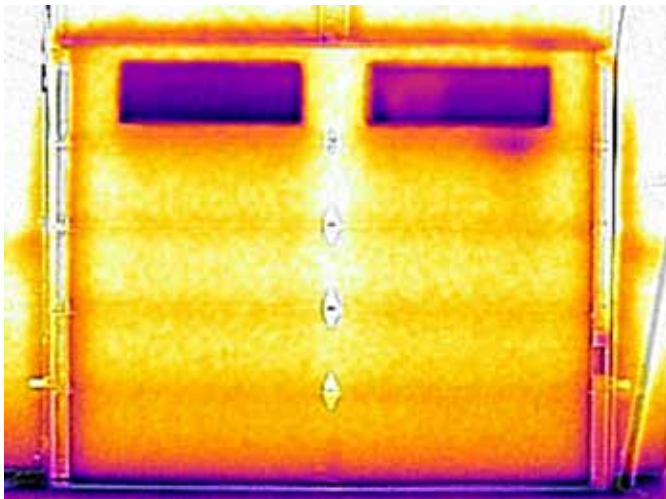
NOT ALL GARAGE DOORS ARE CREATED EQUAL

WHERE IS THE PROOF?

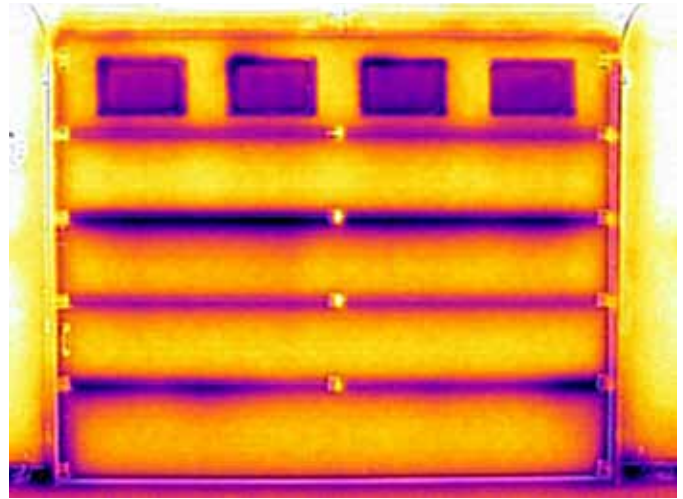
The infrared images below show a side-by-side comparison of a Midland ThermoGuard™ door, next to a competitor's polyurethane door. This was observed with the doors installed next to the other in the same location. The outside temperature was 0°F and the inside temperature was 55°F. The dark areas show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

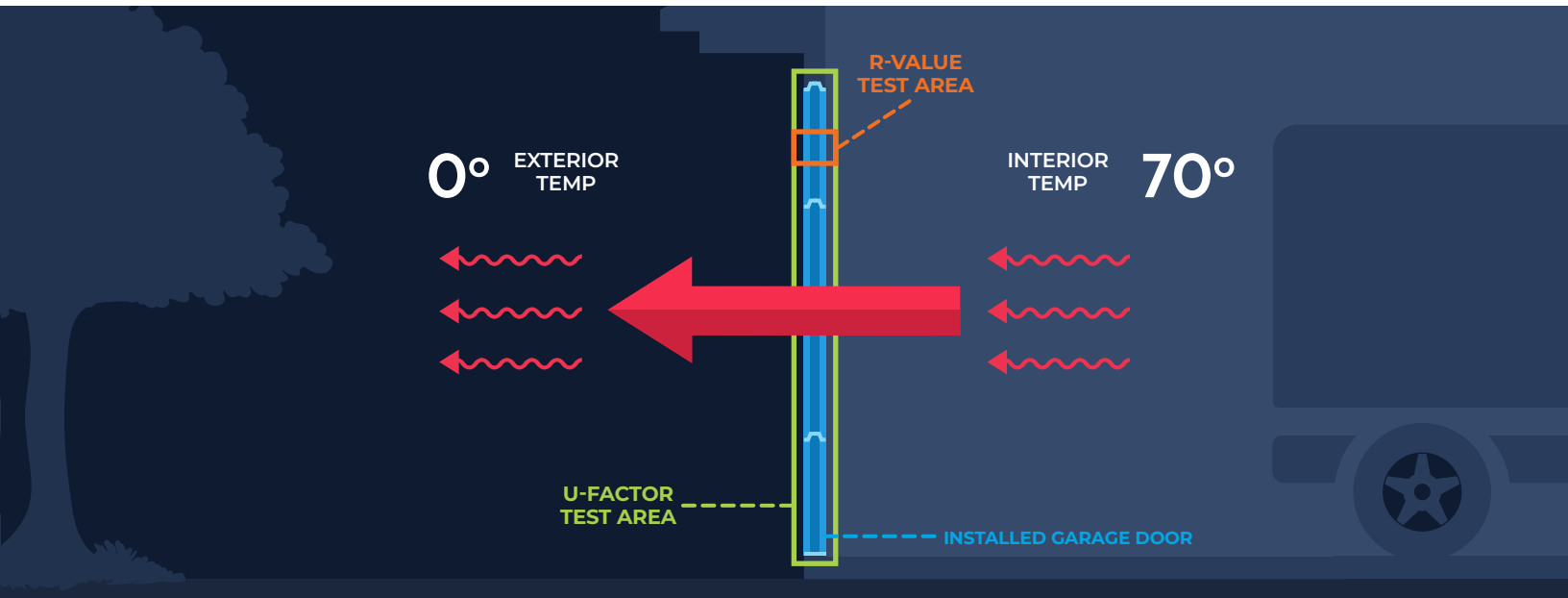
QUALITY STEEL

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

