

# GARAGE DOORS

RESIDENTIAL PRODUCT GUIDE

QUALITY  
VALUE  
SERVICE



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



# A SUPERIOR DOOR INSIDE & OUT

For over 40 years, Midland has been manufacturing the longest-lasting, smoothest-running residential and commercial overhead doors in the industry. From the construction of our doors, to the quality of materials, Midland manufactures a product that is simply better.



STEEL OVERLAY, WEATHERED OAK, GRAY OVERLAY, STOCKBRIDGE WINDOWS



# PANEL DESIGN OPTIONS



RAISED STEEL PANEL

3



SHORT PANEL CARRIAGE

5



LONG PANEL CARRIAGE

7



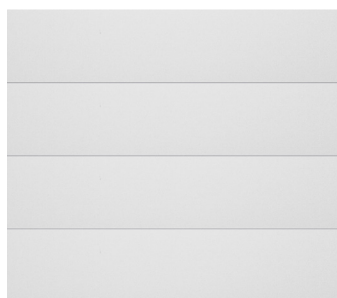
RECESSED PANEL

9



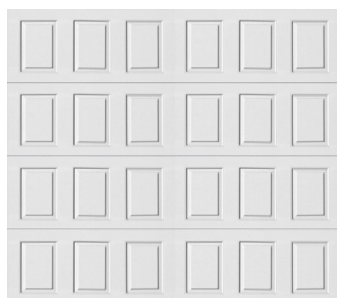
RANCH PANEL

11



FLUSH PANEL

13



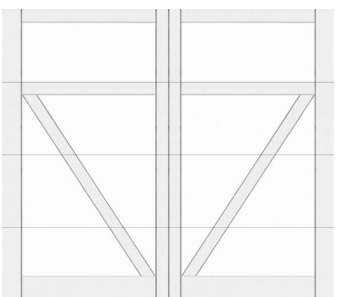
CLASSIC PANEL

15



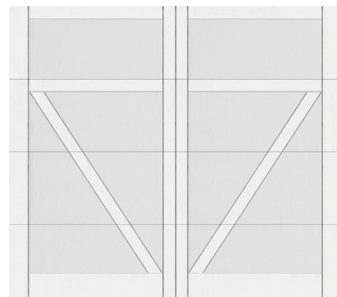
SERIES 26 RIBBED

17



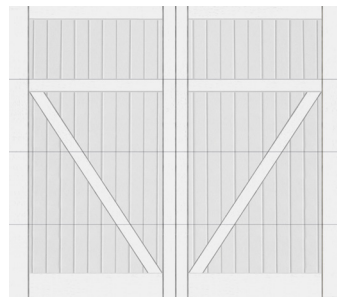
STEEL OVERLAY

19



SMOOTH OVERLAY

21



V-GROOVE OVERLAY

21



FULLVIEW

23

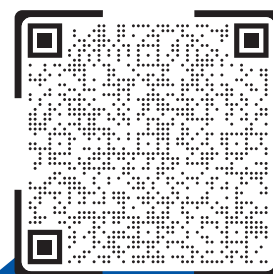


FULLVIEW STYLIST

25

SEE THESE  
DOORS  
ON YOUR  
HOME

DESIGN NOW





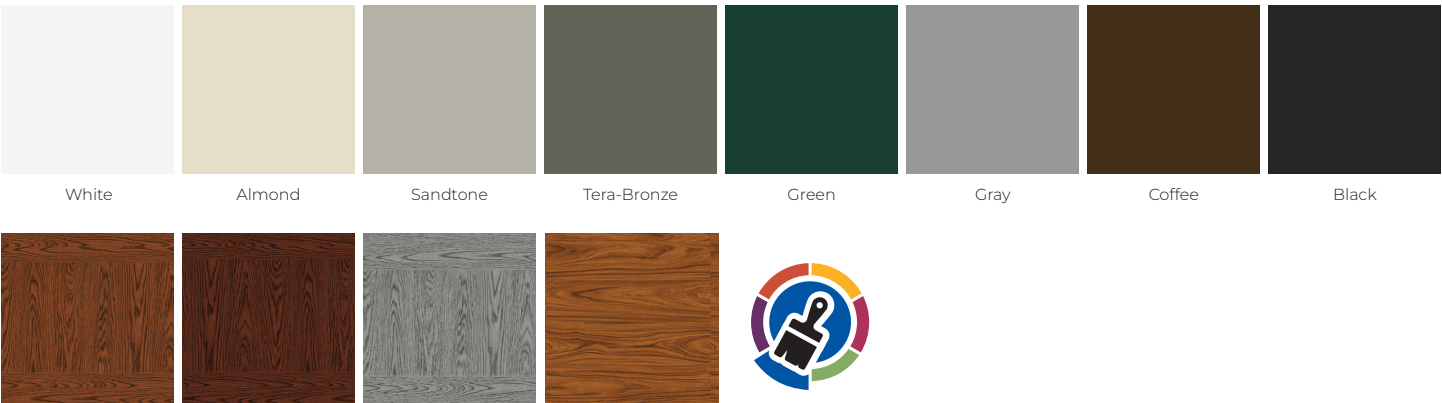
# RAISED STEEL PANEL

TIMELESS  
TRADITIONAL  
STYLE



RAISED STEEL PANEL, WHITE

## COLORS



White Almond Sandtone Tera-Bronze Green Gray Coffee Black

Light Oak Dark Oak Weathered Oak Rosewood

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



## PANEL DESIGN



SPECIFICATIONS	ThermoGuard™	ThermoSteel™	TS-138	Series 24	ValuCraft Plus
<b>U-Factor</b> R-Value	<b>0.14</b> 18.0	<b>0.22</b> 9.25	<b>0.26</b> 7.50	<b>0.38*</b> 7.0*	<b>0.38*</b> 7.0*
Foam/Insulate	Polyurethane	Polystyrene	Polystyrene	T-Bond/ Plain Steel	T-Bond/ Plain Steel
Thickness	2 inches	2 inches	1⅜ inches	2 inches	2 inches
Exterior Steel	27 gauge	25 gauge	27 gauge	24 gauge	25 gauge
Interior Steel	27 gauge	26 gauge	27 gauge	N/A	N/A
Warranty* <i>Excludes Springs</i>	Lifetime	Lifetime	25 years	Lifetime	25 years
<b>COLORS</b>				*With T-Bond	*With T-Bond
White	•	•	•	•	•
Almond	•		•	•	•
Sandtone	•	•	•	•	•
Tera-Bronze	•	•	•	•	•
Green	•		•		
Gray	•		•		
Coffee	•	•	•	•	•
Black	•	•	•	•	
Light Oak	•	•	•	•	
Dark Oak	•	•	•	•	
Weathered Oak	•		•		
Rosewood		•			
Color Select**	•	•	•	•	•

\*For full warranty details contact your Midland dealer

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

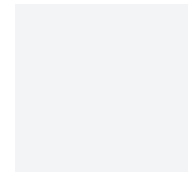


## WINDOWS

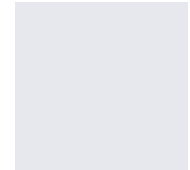


Short Plain   Stockton   Cascade   Waterton   Prairie

## GLASS



Plain



Satin\*



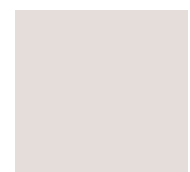
Obscure



Gray



Bronze



Low E



Double Dark\*

\*Tempered only.



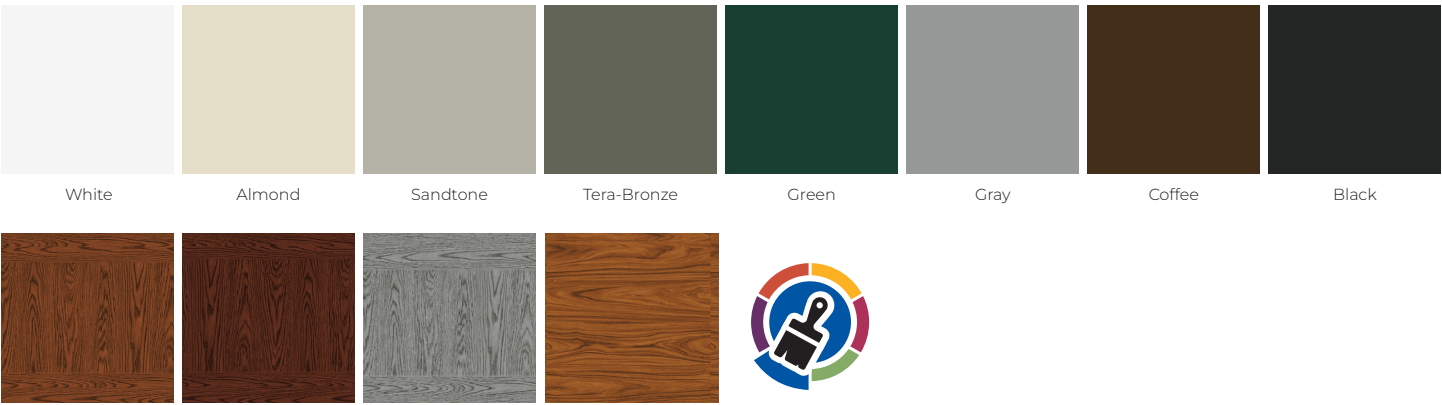
# SHORT PANEL CARRIAGE

HANDCRAFTED  
BEAUTY &  
ELEGANCE



SHORT PANEL CARRIAGE, GRAY, LONG PLAIN WINDOWS

## COLORS

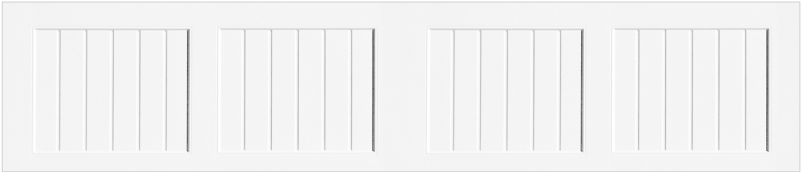


Light Oak      Dark Oak      Weathered Oak      Rosewood

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



PANEL DESIGN



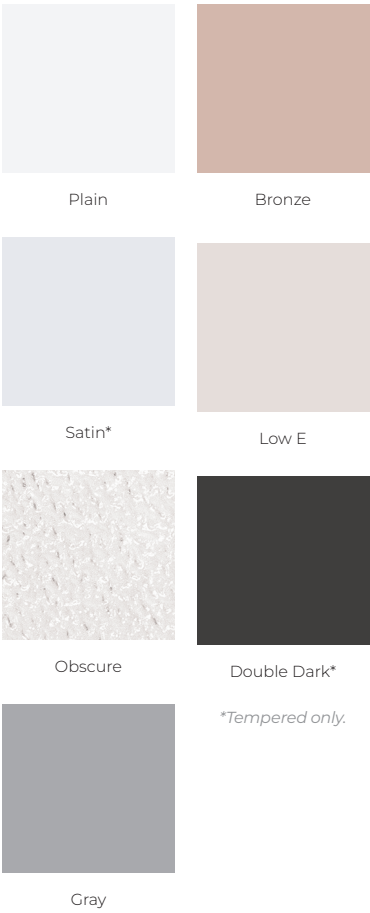
SPECIFICATIONS	ThermoGuard™	ThermoSteel™	TS-138	Series 24
<b>U-Factor</b> R-Value	<b>0.14</b> 18.0 ✓	<b>0.22</b> 9.25 ✓	<b>0.26</b> 7.50 ✓	<b>0.38*</b> 7.0* ✓
Foam/Insulate	Polyurethane	Polystyrene	Polystyrene	T-Bond/ Plain Steel
Thickness	2 inches	2 inches	1⅜ inches	2 inches
Exterior Steel	27 gauge	25 gauge	27 gauge	24 gauge
Interior Steel	27 gauge	26 gauge	27 gauge	N/A
Warranty* <i>Excludes Springs</i>	Lifetime	Lifetime	25 years	Lifetime
<b>COLORS</b>				*With T-Bond
White	•	•	•	•
Almond	•		•	•
Sandtone	•	•	•	•
Tera-Bronze	•	•	•	•
Green	•		•	
Gray	•		•	
Coffee	•	•	•	•
Black	•	•	•	•
Light Oak	•	•	•	•
Dark Oak	•	•	•	•
Weathered Oak	•		•	
Rosewood		•		
Color Select**	•	•	•	•

\*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.

HARDWARE



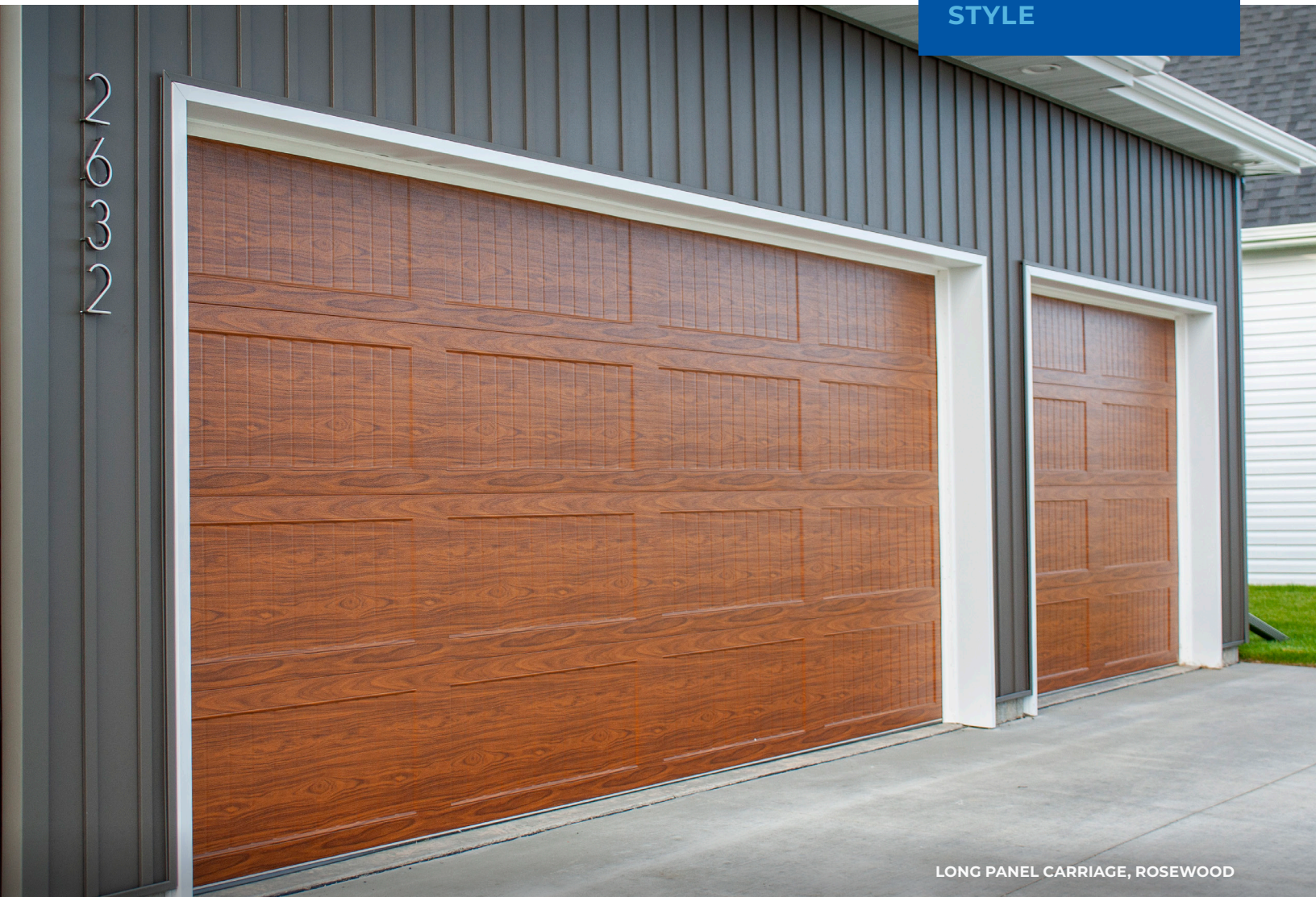
WINDOWS





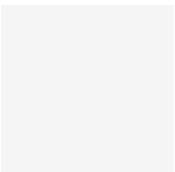
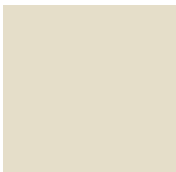

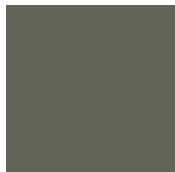






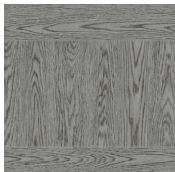
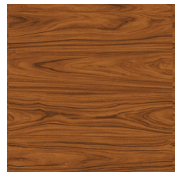

# LONG PANEL CARRIAGE

CONTEMPORARY  
CHARM &  
STYLE



LONG PANEL CARRIAGE, ROSEWOOD

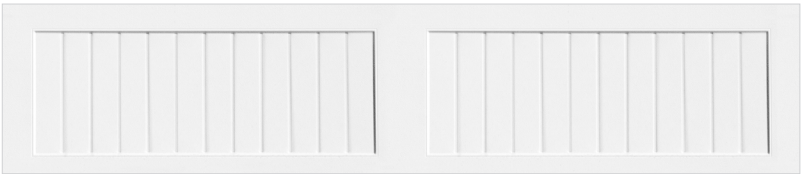
## COLORS

							
White	Almond	Sandtone	Tera-Bronze	Green	Gray	Coffee	Black
							
Light Oak	Dark Oak	Weathered Oak	Rosewood	Color Select™			

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



PANEL DESIGN



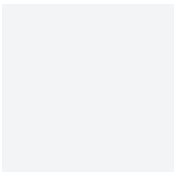
SPECIFICATIONS	ThermoGuard™	ThermoSteel™	TS-138	Series 24
<b>U-Factor</b> R-Value	<b>0.14</b> 18.0	<b>0.22</b> 9.25	<b>0.26</b> 7.50	<b>0.38*</b> 7.0*
Foam/Insulate	Polyurethane	Polystyrene	Polystyrene	T-Bond/ Plain Steel
Thickness	2 inches	2 inches	1⅜ inches	2 inches
Exterior Steel	27 gauge	25 gauge	27 gauge	24 gauge
Interior Steel	27 gauge	26 gauge	27 gauge	N/A
Warranty* <i>Excludes Springs</i>	Lifetime	Lifetime	25 years	Lifetime
<b>COLORS</b>				*With T-Bond
White	•	•	•	•
Almond	•		•	•
Sandtone	•	•	•	•
Tera-Bronze	•	•	•	•
Green	•		•	
Gray	•		•	
Coffee	•	•	•	•
Black	•	•	•	•
Light Oak	•	•	•	•
Dark Oak	•	•	•	•
Weathered Oak	•		•	
Rosewood		•		
Color Select**	•	•	•	•

\*For full warranty details contact your Midland dealer


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



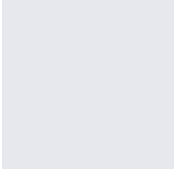
GLASS



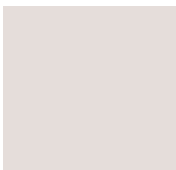
Plain



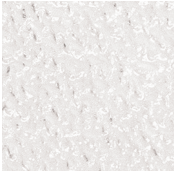
Bronze



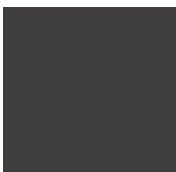
Satin\*




Low E



Obscure




Double Dark\*




Gray

\*Tempered only.

HARDWARE




Standard Straps



Standard Handles

WINDOWS



Long Plain



Stockton



Somerton



Stockbridge



Wyndbridge



Prairie



Fullerton (Somerton & Stockton)



Cambridge (Wyndbridge & Stockbridge)

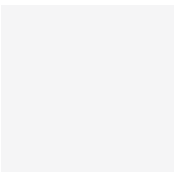
# RECESSED LONG PANEL

BOLD &  
TRADITIONAL  
REFINEMENT

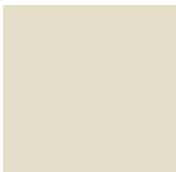


RECESSED PANEL, WHITE


## COLORS



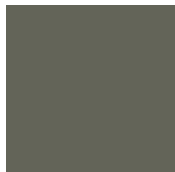
White




Almond




Sandtone




Tera-Bronze




Green




Gray




Coffee



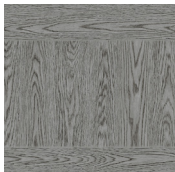
Black




Light Oak



Dark Oak



Weathered Oak

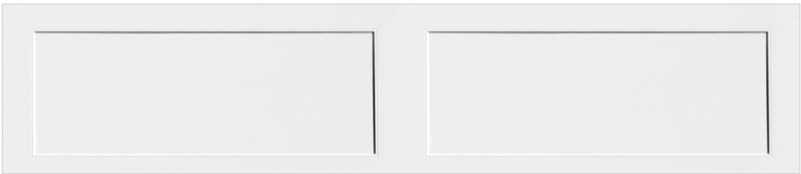


Color Select™

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




PANEL DESIGN



SPECIFICATIONS

ThermoGuard™

<b>U-Factor</b> R-Value	<b>0.14</b> 18.0 
Foam/Insulate	Polyurethane
Thickness	2 inches
Exterior Steel	27 gauge
Interior Steel	27 gauge
Warranty* <i>Excludes Springs</i>	Lifetime

COLORS

White	•
Almond	•
Sandtone	•
Tera-Bronze	•
Green	•
Gray	•
Coffee	•
Black	•
Light Oak	•
Dark Oak	•
Weathered Oak	•
Color Select**	•

\*For full warranty details contact your Midland dealer

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



GLASS



Plain



Bronze



Obscure



Satin\*



Low E




Gray




Double Dark\*

\*Tempered only.

HARDWARE



Standard Straps



Standard Handles

WINDOWS



Long Plain



Stockton



Somerton



Stockbridge



Wyndbridge



Prairie



Fullerton (Somerton & Stockton)



Cambridge (Wyndbridge & Stockbridge)

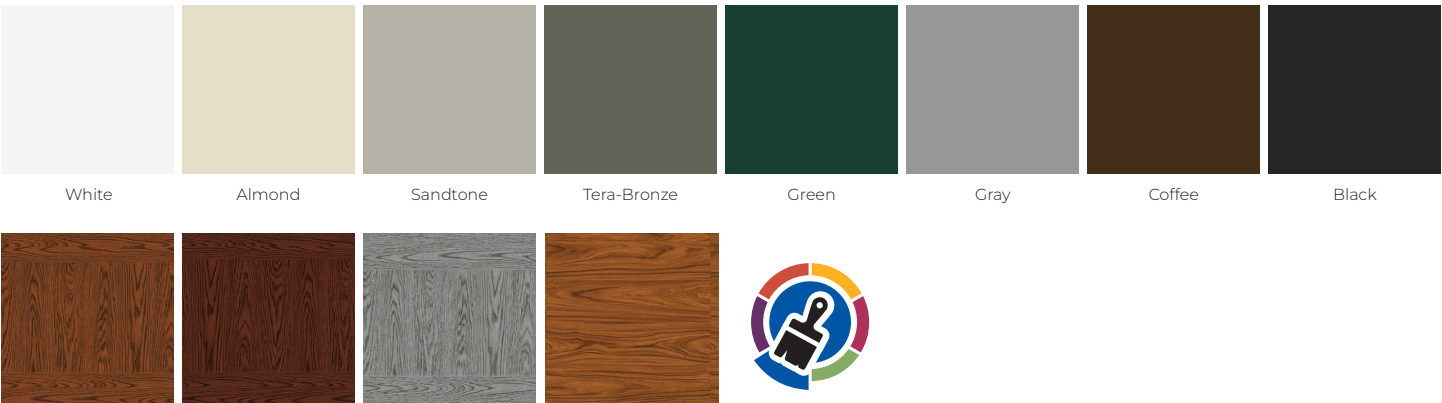
# RANCH PANEL

SIMPLE LINES  
FOR A  
BIG STATEMENT



RANCH PANEL, DARK OAK, LONG PLAIN WINDOWS

## COLORS



Light Oak      Dark Oak      Weathered Oak      Rosewood      Color Select™

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



PANEL DESIGN



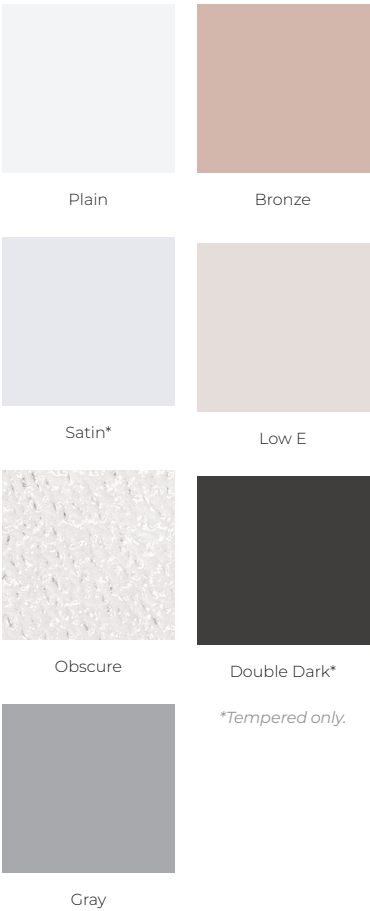
SPECIFICATIONS	ThermoGuard™	ThermoSteel™	TS-138	Series 24
U-Factor <small>R-Value</small>	0.14 18.0	0.22 9.25	0.26 7.50	0.38* 7.0*
Foam/Insulate	Polyurethane	Polystyrene	Polystyrene	T-Bond/ Plain Steel
Thickness	2 inches	2 inches	1⅜ inches	2 inches
Exterior Steel	27 gauge	25 gauge	27 gauge	24 gauge
Interior Steel	27 gauge	26 gauge	27 gauge	N/A
Warranty* <small>Excludes Springs</small>	Lifetime	Lifetime	25 years	Lifetime
COLORS				*With T-Bond
White	•	•	•	•
Almond	•		•	•
Sandtone	•	•	•	•
Tera-Bronze	•	•	•	•
Green	•		•	
Gray	•		•	
Coffee	•	•	•	•
Black	•	•	•	•
Light Oak	•	•	•	•
Dark Oak	•	•	•	•
Weathered Oak	•		•	
Rosewood		•		
Color Select**	•	•	•	•

\*For full warranty details contact your Midland dealer

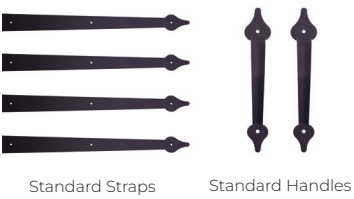
\*\*ColorSelect™ uses Sherwin Williams Polane® Solar Reflective Polyurethane Enamel, providing a durable, heat-repelling coating.



GLASS



HARDWARE



WINDOWS





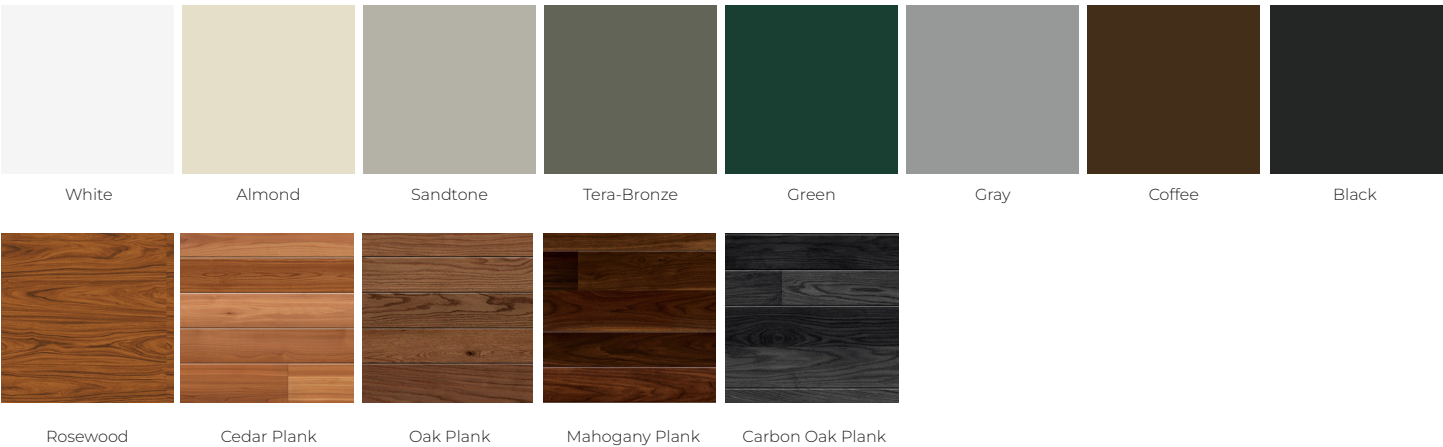
# FLUSH PANEL

MINIMALIST  
MODERN  
REFINEMENT



FLUSH PANEL, CEDAR PLANK, LONG PLAIN WINDOWS

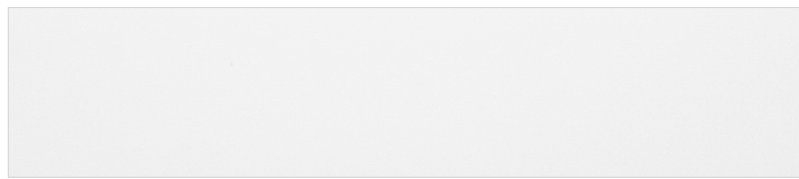
## COLORS






Color Select™ Available. Printed colors may not be accurate. Contact your Midland dealer for exact color samples



## PANEL DESIGN



### SPECIFICATIONS

	ThermoGuard™	ThermoSteel™	TS-138
<b>U-Factor</b> R-Value	<b>0.14</b> 18.0 	<b>0.22</b> 9.25 	<b>0.26</b> 7.50 
Foam/Insulate	Polyurethane	Polystyrene	Polystyrene
Thickness	2 inches	2 inches	1¾ inches
Exterior Steel	27 gauge	25 gauge	27 gauge
Interior Steel	27 gauge	26 gauge	27 gauge
Warranty* <i>Excludes Springs</i>	Lifetime	Lifetime	25 years

### COLORS

White	•	•	•
Almond	•		•
Sandtone	•	•	•
Tera-Bronze	•	•	•
Green	•		•
Gray	•		•
Coffee	•	•	•
Black	•	•	•
Cedar Planks	•		
Oak Planks	•		
Mahogany Planks	•		
Carbon Oak Planks	•		
Rosewood		•	
Color Select**	•	•	•

### WINDOWS

Short Plain	•	•	•
Long Plain	•	•	•
24" x 7"	•	•	
24" x 12"	•	•	
Single Landscape	•		
Double Landscape	•		

\*For full warranty details contact your Midland dealer

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



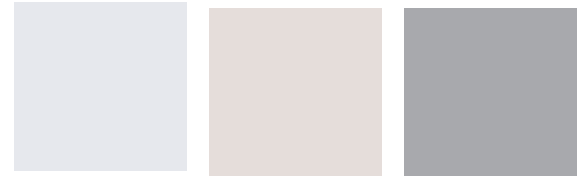
## GLASS



Plain

Bronze

Obscure



Satin\*

Low E

Gray



Double Dark\*

\*Tempered only.

## WINDOWS



Short Plain  
18" x 13" ●



Long Plain  
39" x 15"



24" x 7" ●



24" x 12" ●



Single Landscape  
41" x 7" ●



Double Landscape  
41" x 7" ●

● Not available in Planks

● Black, White & Plank frames only. Plain, Satin & Double Dark glass only

\*Contact your dealer for custom window options

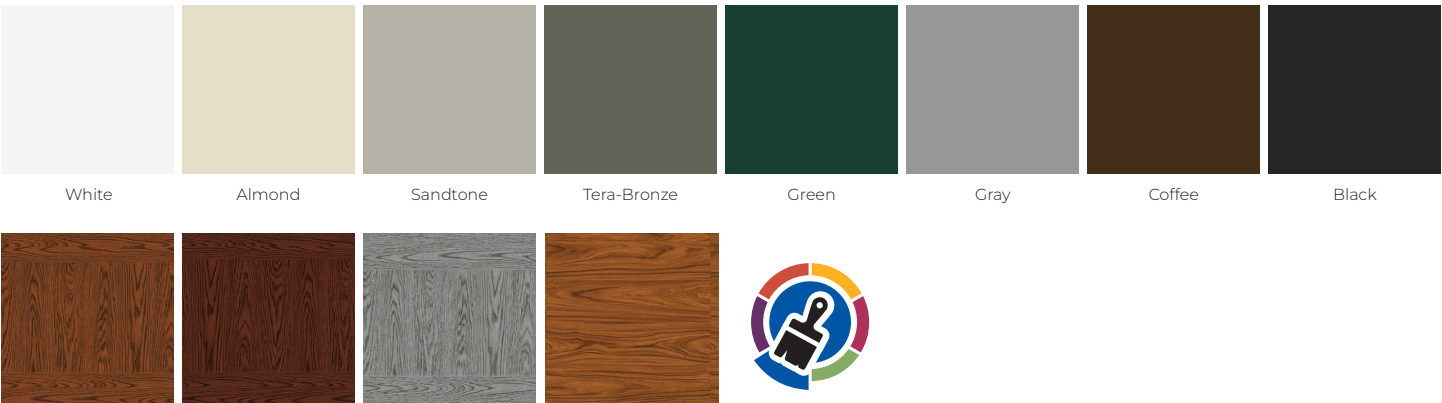
# CLASSIC PANEL

TRADITIONAL  
RECTANGULAR  
DESIGN



CLASSIC PANEL, BLACK, STOCKBRIDGE WINDOWS, STANDARD HARDWARE

## COLORS



White Almond Sandtone Tera-Bronze Green Gray Coffee Black

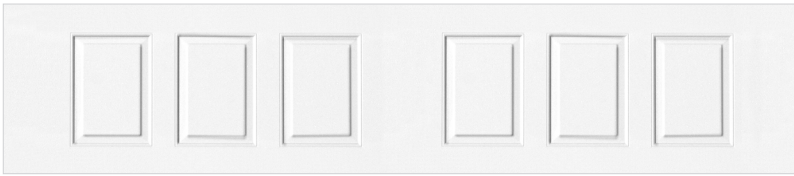
Light Oak Dark Oak Weathered Oak Rosewood

Color Select™

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



## PANEL DESIGN



### SPECIFICATIONS

	ThermoGuard™	ThermoSteel™	TS-138	Series 24
<b>U-Factor</b> R-Value	<b>0.14</b> 18.0	<b>0.22</b> 9.25	<b>0.26</b> 7.50	<b>0.38*</b> 7.0*
Foam/Insulate	Polyurethane	Polystyrene	Polystyrene	T-Bond/ Plain Steel
Thickness	2 inches	2 inches	1⅝ inches	2 inches
Exterior Steel	27 gauge	25 gauge	27 gauge	24 gauge
Interior Steel	27 gauge	26 gauge	27 gauge	N/A
Warranty* <i>Excludes Springs</i>	Lifetime	Lifetime	25 years	Lifetime
<b>COLORS</b>				*With T-Bond

White	•	•	•	•
Almond	•		•	•
Sandtone	•	•	•	•
Tera-Bronze	•	•	•	•
Green	•		•	
Gray	•		•	
Coffee	•	•	•	•
Black	•	•	•	•
Light Oak	•	•	•	•
Dark Oak	•	•	•	•
Weathered Oak	•		•	
Rosewood		•		
Color Select**	•	•	•	•

\*For full warranty details contact your Midland dealer

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

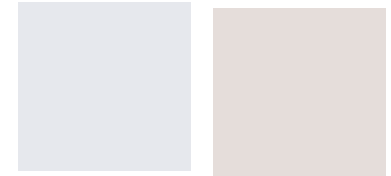


### GLASS



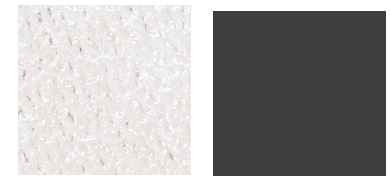
Plain

Bronze



Satin\*

Low E



Obscure

Double Dark\*

\*Tempered only.



Gray

### HARDWARE



Standard Straps

Standard Handles

## WINDOWS

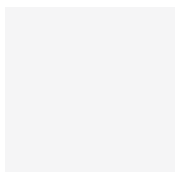


# SERIES 26 RIBBED

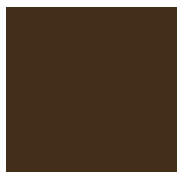
DURABLE  
PEBBLE GRAIN  
STEEL FINISH



## COLORS



White



Coffee



Color Select™

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




PANEL DESIGN



SPECIFICATIONS

Series 26

<b>U-Factor</b> R-Value	<b>0.38*</b>  7.0*
Foam/Insulate	T-Bond/ Plain Steel
Thickness	2 inches
Exterior Steel	26 gauge
Interior Steel	N/A
Warranty* <i>Excludes Springs</i>	Lifetime

COLORS

White	•
Coffee	•
Color Select**	•

\*For full warranty details contact your Midland dealer

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



GLASS



Plain



Bronze



Obscure



Satin\*



Low E




Gray




Double Dark\*

\*Tempered only.

WINDOWS



24" x 5"



24" x 12"

LOCK OPTIONS



Mini Warehouse Lock pictured above.

INSIDE LOCK

- Side bolt door latch, attached on inside
- Not visible from the outside
- Harder for an intruder to tamper with

RESIDENTIAL KEYED LOCK

- T-handle keyed lock, attached on outside
- Cylinder-shaped key that is difficult to reproduce
- Impossible to operate the handle without key

MINI WAREHOUSE LOCK

- Side bolt door latch
- Attached on outside of garage door
- Latch fits with padlock

# STEEL OVERLAY

POLISHED  
OVERLAY  
DESIGN



STEEL OVERLAY, DARK OAK, STOCKTON WINDOWS

## COLORS



White

Almond

Sandtone

Tera-Bronze

Green

Gray

Coffee

Black



Light Oak

Dark Oak

Weathered Oak



Color Select™

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



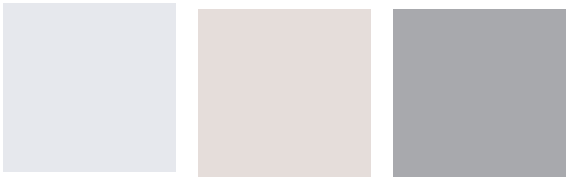
PANEL DESIGN



GLASS



Plain Bronze Obscure



Satin\* Low E Gray

\*Tempered only.



Double Dark\*

SPECIFICATIONS

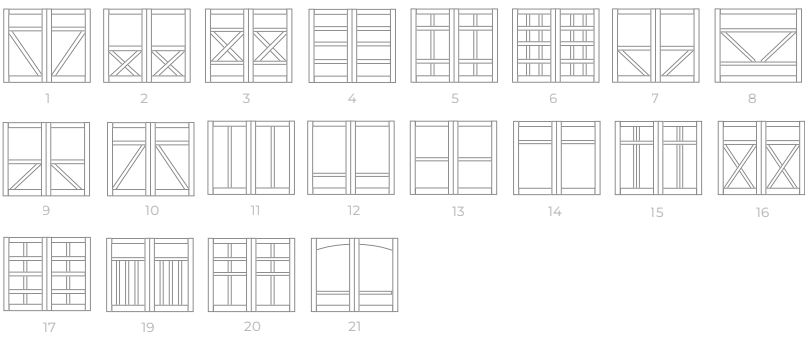
ThermoGuard™

<b>U-Factor</b>	<b>0.14</b>
R-Value	18.0
Foam/Insulate	Polyurethane
Thickness	2 inches
Exterior Steel	27 gauge
Interior Steel	27 gauge
Warranty* Excludes Springs	Lifetime

COLORS

White	•
Almond	•
Sandtone	•
Tera-Bronze	•
Green	•
Gray	•
Coffee	•
Black	•
Light Oak	•
Dark Oak	•
Weathered Oak	•
Color Select**	•

OVERLAY DESIGNS



Custom designs available



\*For full warranty details contact your Midland dealer

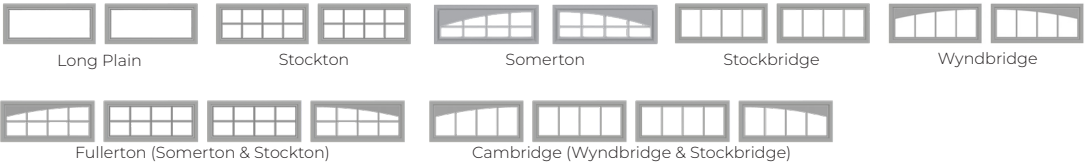
\*\*ColorSelect™ uses Sherwin Williams Polane® Solar Reflective Polyurethane Enamel, providing a durable, heat-repelling coating.

HARDWARE



Standard Straps Standard Handles Adirondack Pull Rings Adirondack Brackets

WINDOWS



# SMOOTH & V-GROOVE

CLASSIC  
LOOK OF  
REAL WOOD



V-GROOVE, WHITE, STOCKTON WINDOWS

## COLORS



Color Select™

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



PANEL DESIGN



V-Groove Panel

Smooth Panel

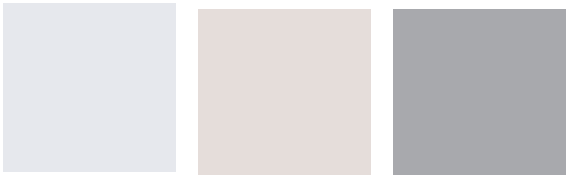
GLASS



Plain

Bronze

Obscure



Satin\*

Low E

Gray

\*Tempered only.



Double Dark\*

SPECIFICATIONS

ThermoGuard™

U-Factor

0.14



R-Value

18.0

Foam/Insulate

Polyurethane

Thickness

2 inches

Exterior Steel

27 gauge

Interior Steel

27 gauge

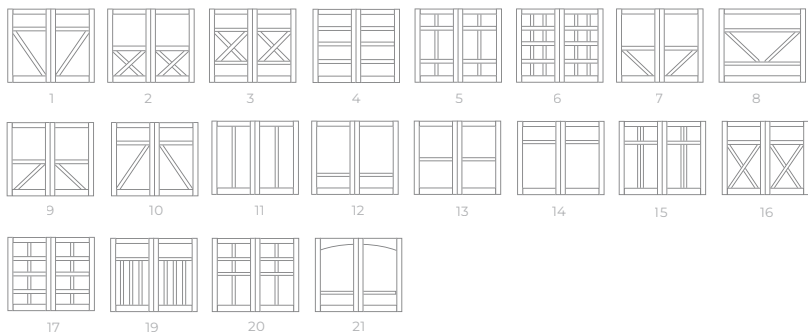
Warranty\* Excludes Springs

Lifetime

COLORS

White	•
Almond	•
Sandtone	•
Tera-Bronze	•
Green	•
Gray	•
Coffee	•
Black	•
Light Oak	•
Dark Oak	•
Weathered Oak	•
Rosewood	•
Color Select**	•

OVERLAY DESIGNS



Custom designs available

HARDWARE



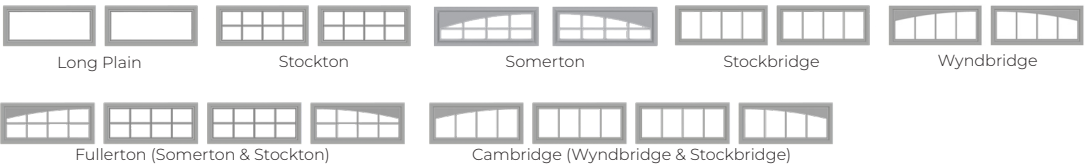
Standard Straps

Standard Handles

Adirondack Pull Rings

Adirondack Brackets

WINDOWS



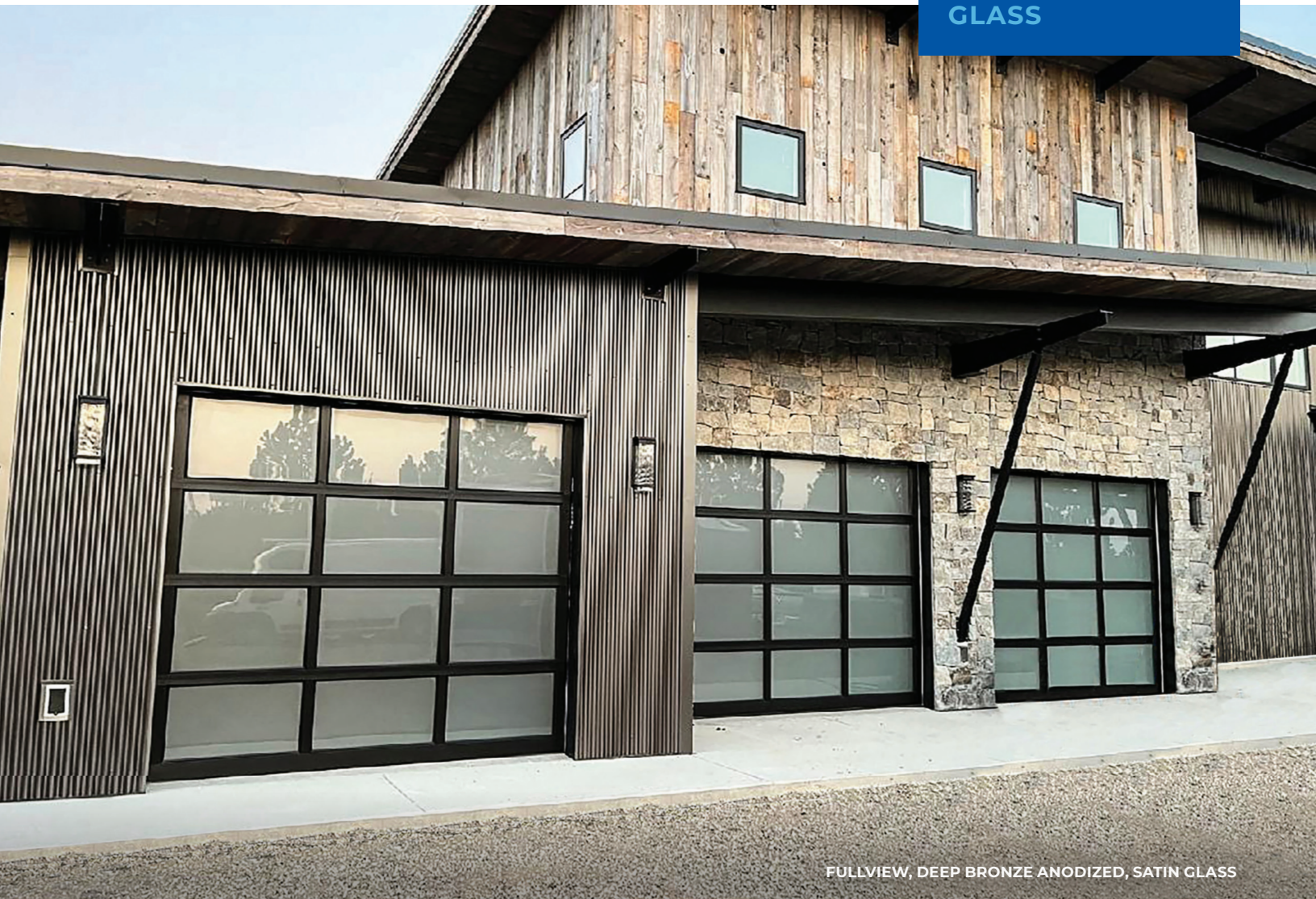
\*For full warranty details contact your Midland dealer

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



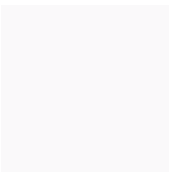
# FULLVIEW

SLEEK LINES  
OF STYLISH  
GLASS

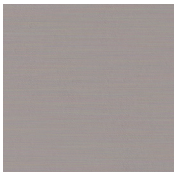


FULLVIEW, DEEP BRONZE ANODIZED, SATIN GLASS

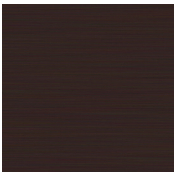
## FRAME COLORS



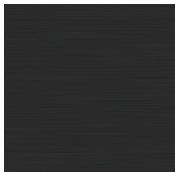
White



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



## SPECIFICATIONS

FullView Glass Panel

### U-Factor

0.85 

### Frame

6063-T Aluminum

### Thickness

2 inches

### Glass

½ inch insulated  
¼ inch non-insulated  
⅛ inch non-insulated

### Panel

—

### Rails

Insulated  
non-insulated

### Air Infiltration Seal

•

### Warranty\* Excludes Springs

5 years

\*For full warranty details contact your Midland dealer

## GLASS



Plain



Bronze



Obscure



Satin\*



Low E

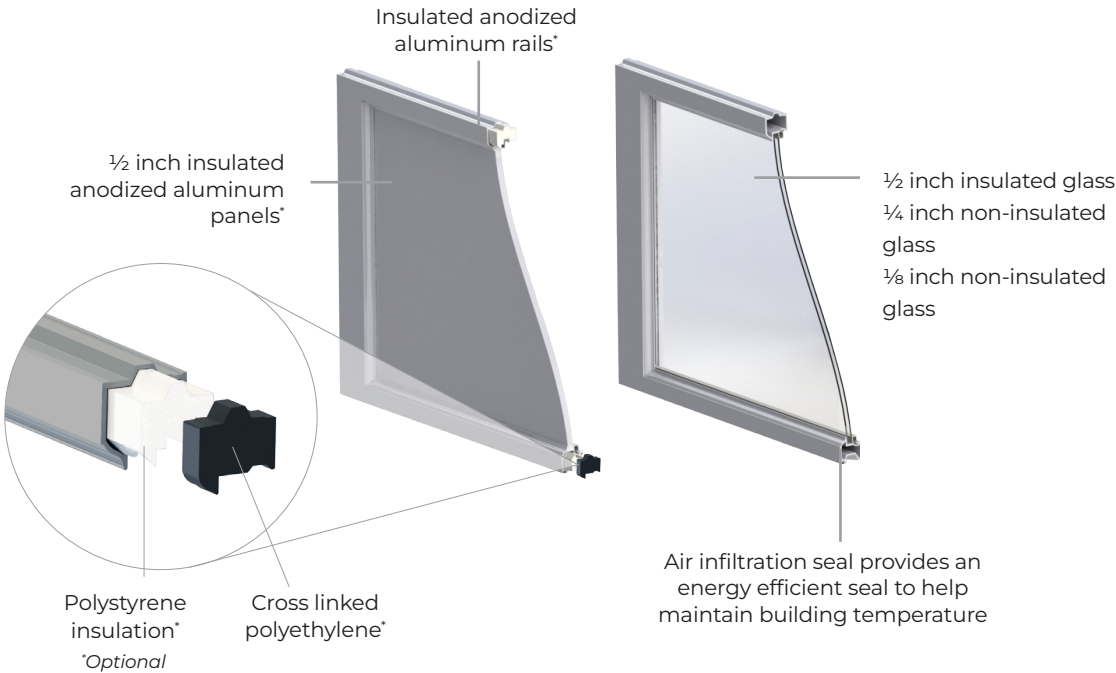


Gray



Double Dark\*

\*Tempered only.



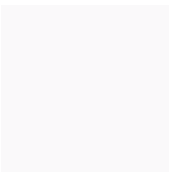
# FULLVIEW STYLIST

DRAMATIC  
ULTRA-MODERN  
UPSCALE GLASS

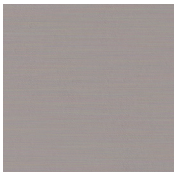


FULLVIEW STYLIST, DEEP BRONZE ANODIZED, SATIN GLASS

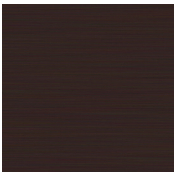
## FRAME COLORS



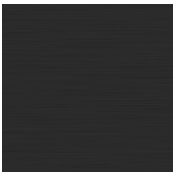
White



Clear Anodized



Deep Bronze  
Anodized



Black Anodized

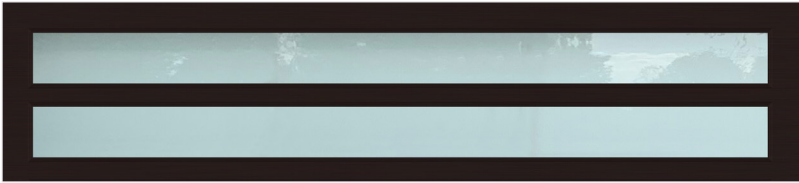


Color Select™

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



PANEL DESIGN



SPECIFICATIONS

Stylist

U-Factor

Not Tested

Frame

6063-T Aluminum

Thickness

2 inches

Stylist XL Glass

¾ inch insulated

Stylist LT Glass

½ inch insulated  
¼ inch non-insulated  
⅛ inch non-insulated

Panel

—

Rails

Insulated  
non-insulated

Air Infiltration Seal

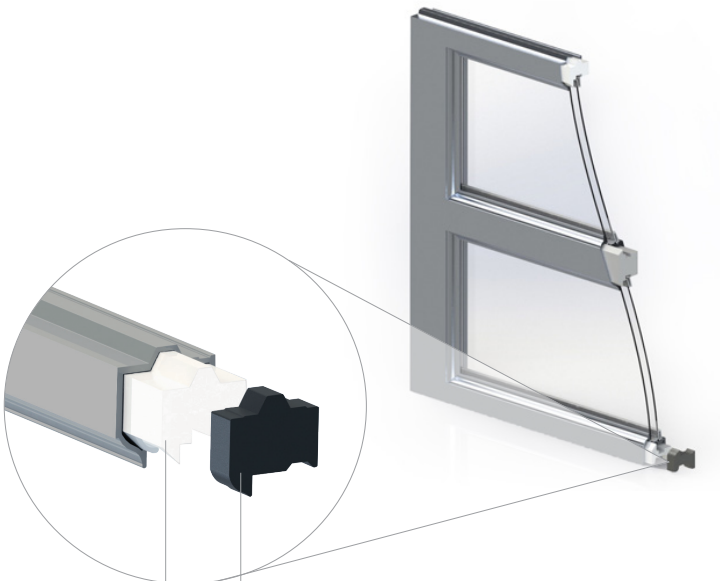
•

Warranty\* Excludes Springs

5 years

\*For full warranty details contact  
your Midland dealer

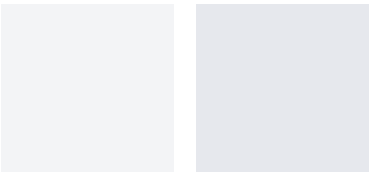
Stylist Cross Section\*  
\*Pictured with optional  
insulation



Polystyrene insulation\*  
Cross linked polyethylene\*  
\*Optional

Air infiltration seal provides  
an energy efficient seal  
to help maintain building  
temperature

GLASS



Plain\*

Satin Stylist\*

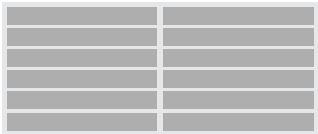
\*Tempered only.

STYLIST LITE

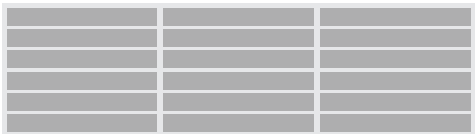
Doors up to 7' 2"  
wide = 1 panel



Doors 7' 3" to 12' 2"  
wide = 2 panels



Doors 12' 3" to 18' 2"  
wide = 3 panels

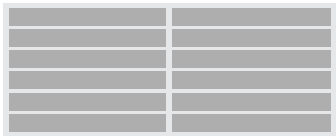


STYLIST XL

Doors up to 10' 2"  
wide = 1 panel



Doors 10' 3" to 18' 2"  
wide = 2 panels



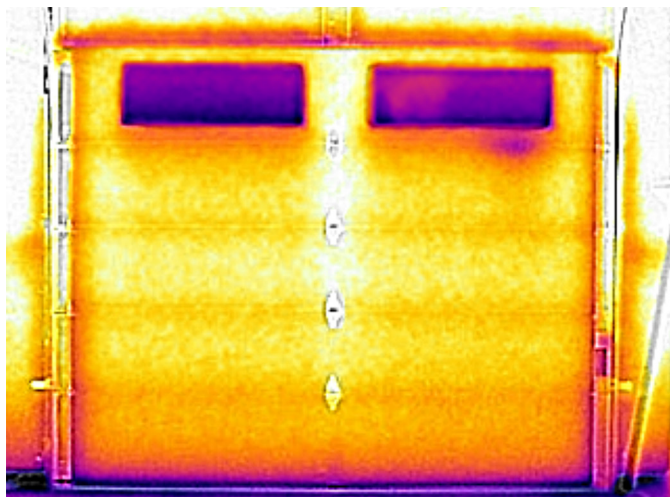
# NOT ALL GARAGE DOORS ARE CREATED EQUAL

## WHERE IS THE PROOF?

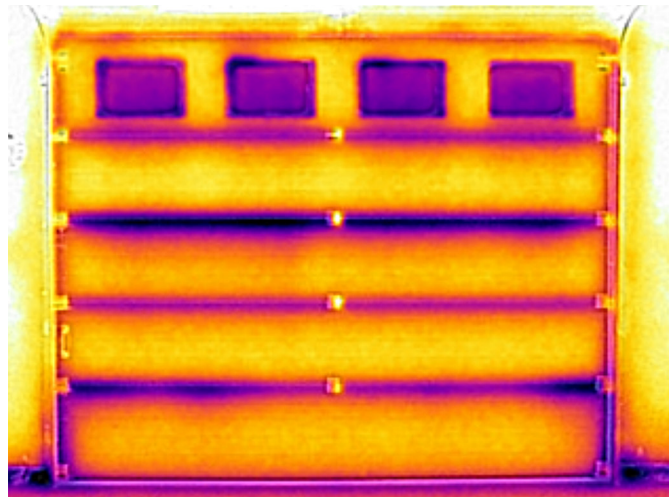
The infrared images below show a side-by-side comparison of a Midland ThermoGuard™ door, next to a competitor's polyurethane door. This was observed with the doors installed next to the other in the same location. The outside temperature was 0°F and the inside temperature was 55°F. The dark areas show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

**MIDLAND**  
GARAGE DOOR MFG CO

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

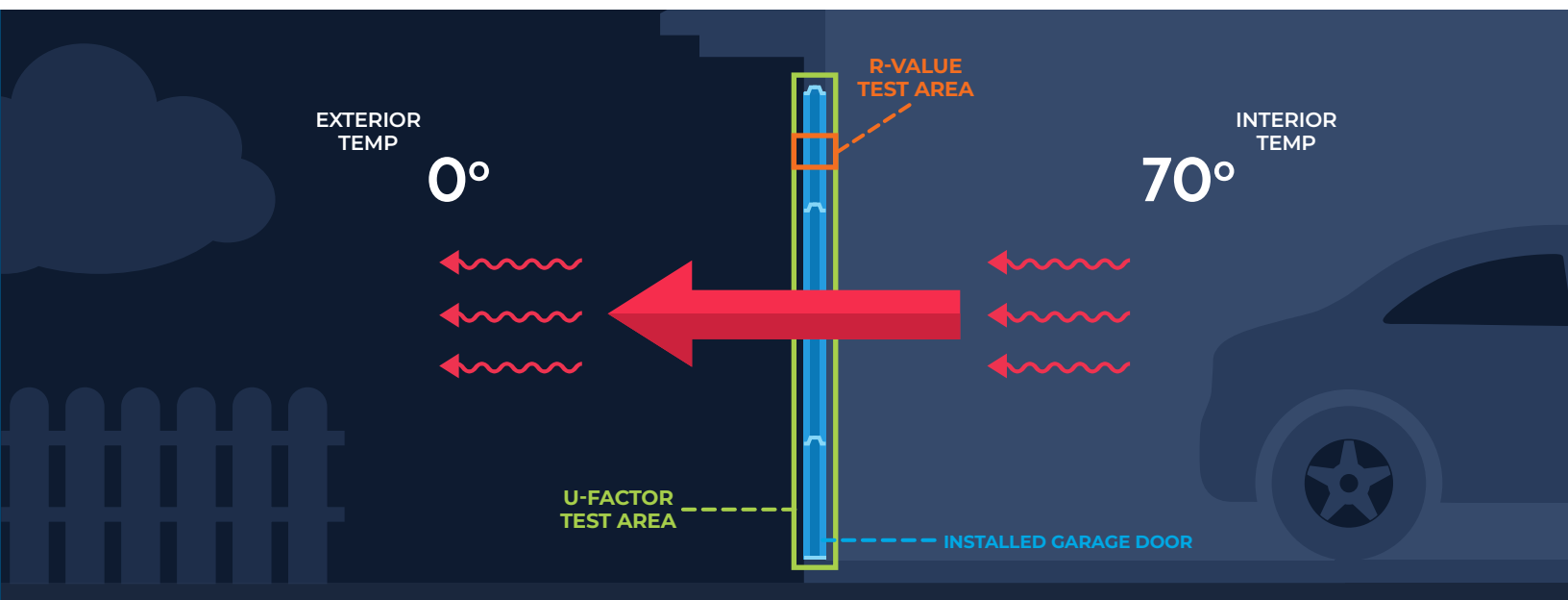
Hot dipped galvanized steel, that is conditioned and embossed with a pebble texture for maximum durability



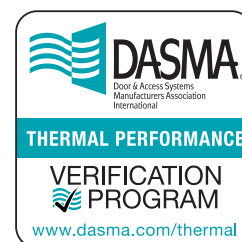
# WHY U-FACTOR MATTERS

## 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.



# PROTECT YOUR HOME FROM EXTREME WEATHER

Wind-rated doors are required by building codes across the country, and are increasingly in demand as consumers recognize the benefits and protection wind rated doors can provide to their home. Midland WindGuard doors are designed and tested to exceed building code requirements and withstand extreme wind events. Visit your local dealer for details.



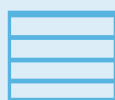
## VERIFY LOCAL BUILDING CODES

States, cities and counties have different jurisdictions with different building codes, always check with local building officials



## STORM PRESSURES

Storms generate both positive and negative pressures on a garage door. Positive pressures try to push the garage door in, while negative pressures try to pull the garage door out



## NON-RATED DOOR RISKS

High winds can cause un-reinforced garage doors to buckle and come out of their tracks, which can lead to a buildup of pressure that damages the roof and supporting walls



## WIND RATING STANDARDS

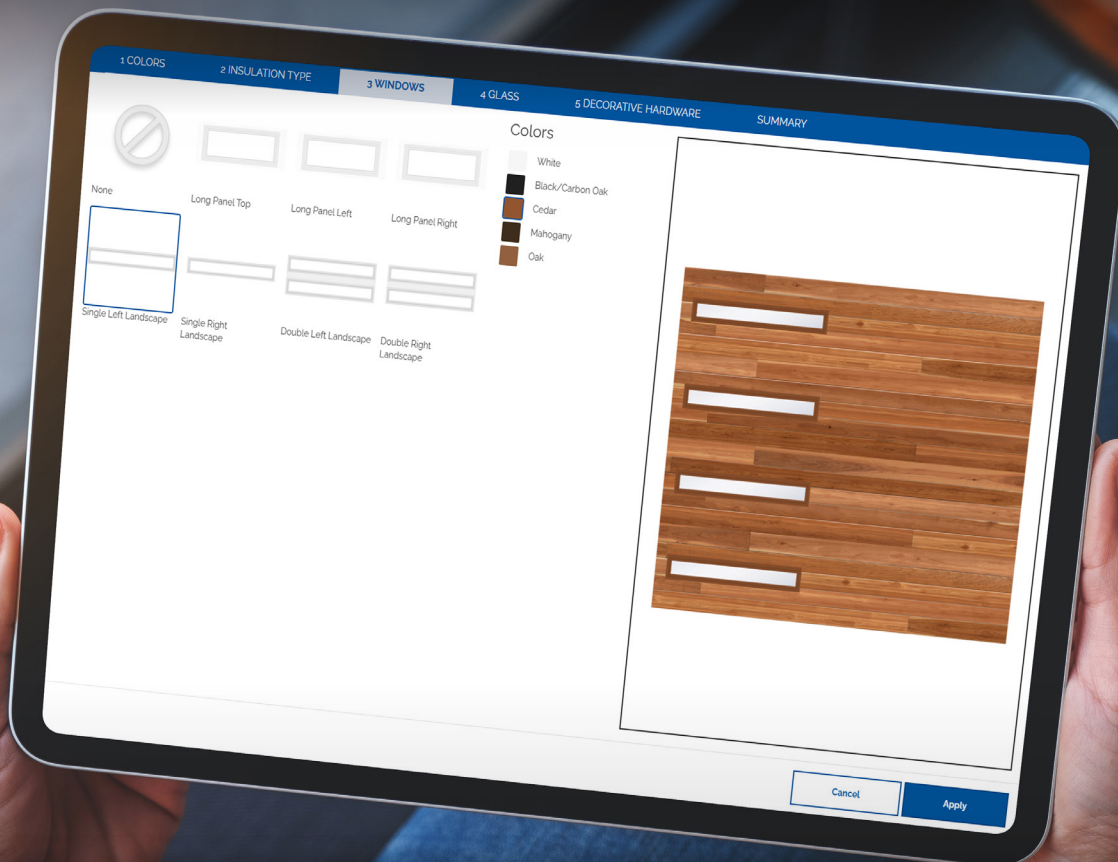
Wind speeds are defined by the International Building Code. Wind pressures include wind speed and other factors like building height, door area, building location, risk category, and exposure category



## STRUCTURAL PROTECTION

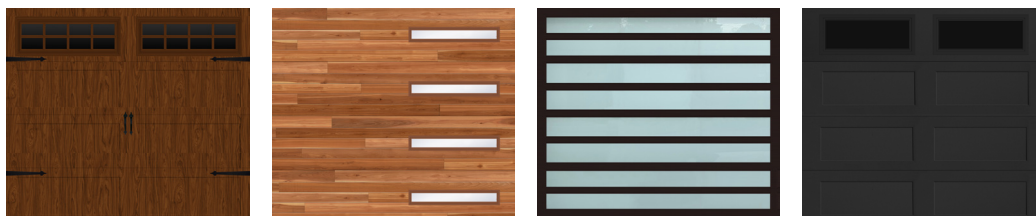
A wind rated door's purpose is to remain operable after a high wind event so occupants can escape. It also offers protection by reducing the chance of high internal wind pressures from tearing structures apart





# FROM *Imagination* TO INSTALLATION

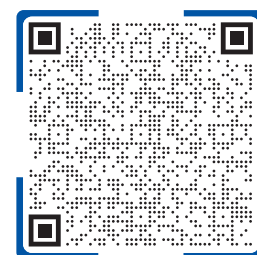
## DESIGN YOUR PERFECT DOOR



Choose from an assortment of styles and features to perfectly compliment the exterior of your home. Go to [midlandgaragedoor.com](http://midlandgaragedoor.com) today to get started designing your quality door.

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

DESIGN NOW



# MIDLAND™

GARAGE DOOR MFG CO

NORTH DAKOTA 800.437.4056

MINNESOTA 800.521.0047

NEBRASKA 800.533.8358

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

