



**MI**<sup>®</sup>

Sunrise Collection™

# Vanguard<sup>®</sup> Series

## V4550

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VINYL WINDOWS AND PATIO DOORS

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SUPERIOR STYLING  
CUSTOMIZABLE DETAILS  
MAXIMIZED VIEWS

By MITER Brands™

# V4550



# Framing home in a new light

The path to perfect windows and doors has never been more clear. From tranquil mornings to family dinners, MI seamlessly connects you to what matters most: windows and doors that frame life's most meaningful moments.

Day after day, year after year, our windows and doors help frame all of life's little moments. As a trusted brand, our products offer the promise of long-lasting comfort, protection, and exceptional quality every step of the way.

**WHY WE'RE THE RIGHT CHOICE.**  
MI offers beautiful, worry-free windows and patio doors to frame each of life's little moments. Our exacting manufacturing processes and the innovations we develop mean you get reliable windows and doors that perform year after year. With MI, you'll receive a level of service and quality others simply can't match, backed with an industry-leading warranty.

### EXPERIENCE IS EVERYTHING

Our experts match you with attractive, reliable windows and patio doors that best fit your home, your needs, and your price point.

### CONFIDENCE TO CREATE

We deliver the highest-quality windows and patio doors through our passion for craftsmanship and a relentless pursuit of 100%.

### EVERY DETAIL, EVERY DAY

From robust testing and precision manufacturing processes to the innovations we develop for your comfort, every detail matters.

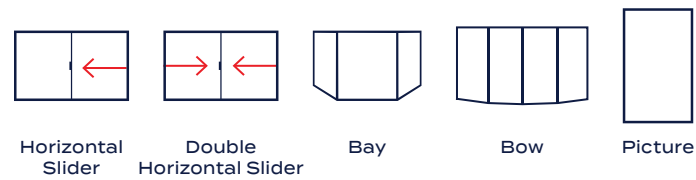
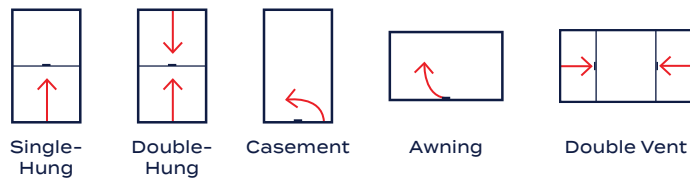


# Bring your home to life

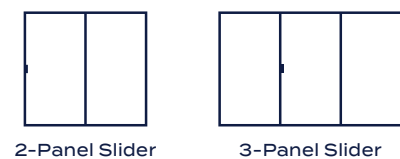
Complement your style and taste with windows and doors from our Vanguard® Series V4550. Stylish, hand-crafted, and energy-efficient, These products are designed to be functional and enhance the views from inside and outside your home. Your home is your biggest investment. Give it the curb appeal and performance it deserves.

## SERIES OPTIONS

### WINDOWS



### PATIO DOORS



See our entire Vanguard® Series offering online!



DESIGN OPTIONS

### Beauty and variety

The V4550 is a comprehensive product line that contains a full range of windows and patio doors. You can easily replace every opening with products exclusively from this series.

PERFORMANCE

### Energy efficiency

With a warm-edge spacer system, Low-E glass, and argon gas fill, our windows and doors provide superior energy performance.



# Customization for you

Our Vanguard® Series V4550 windows are hand-crafted to suit your needs. With narrow profiles that create maximum viewing areas and a wide range of aesthetic options, you can select windows and doors that will complement your home's style. All this while offering thermal packages to maximize energy efficiency.

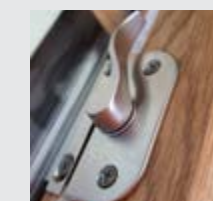
## BEAUTY YOU CAN CUSTOMIZE

Get the benefits of a vinyl window with standard features and custom options that bring the beauty of traditional wood windows to your home.

- **Coved glazing beads.** Our coved interior glazing beads add extra detail to elevate the style of our windows.
- **Woodgrain finishes.** Choose from six durable, low-maintenance options, or select our paintable, stainable finish to custom match your home's interior style.
- **Architectural hardware.** Select standard hardware that matches your window's interior, or opt for an architectural finish for eye-catching detail.
- **Exterior colors and paints.** From basic black to ruby red, we have a spectrum of vinyl, capstock, and painted options.
- **Custom interior trim.** Finish the look of your new windows with our specialty all-wood trim that tips in during installation, no additional, finish carpentry required.



## HARDWARE



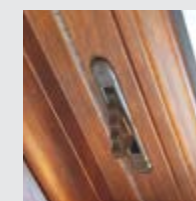
**Cam Lock**

- Single-Hung
- Double-Hung
- Horizontal Slider
- Double Horizontal Slider



**Folding Nesting Operator**

- Casement
- Awning



**Vent Stop**

- Single-Hung
- Horizontal Slider
- Double Horizontal Slider

**HARDWARE FINISHES**


		
White	Tan	Pontiac Gold
		
Brushed Nickel	Oil Rubbed Bronze	Antique Brass

"I MUST SAY THE WINDOWS ARE WELL WORTH THE MONEY. THEY LOOK VERY NICE AND HAVE SAVED US A TON OF MONEY ON OUR ENERGY BILLS SINCE 2015."

Rose City, MI

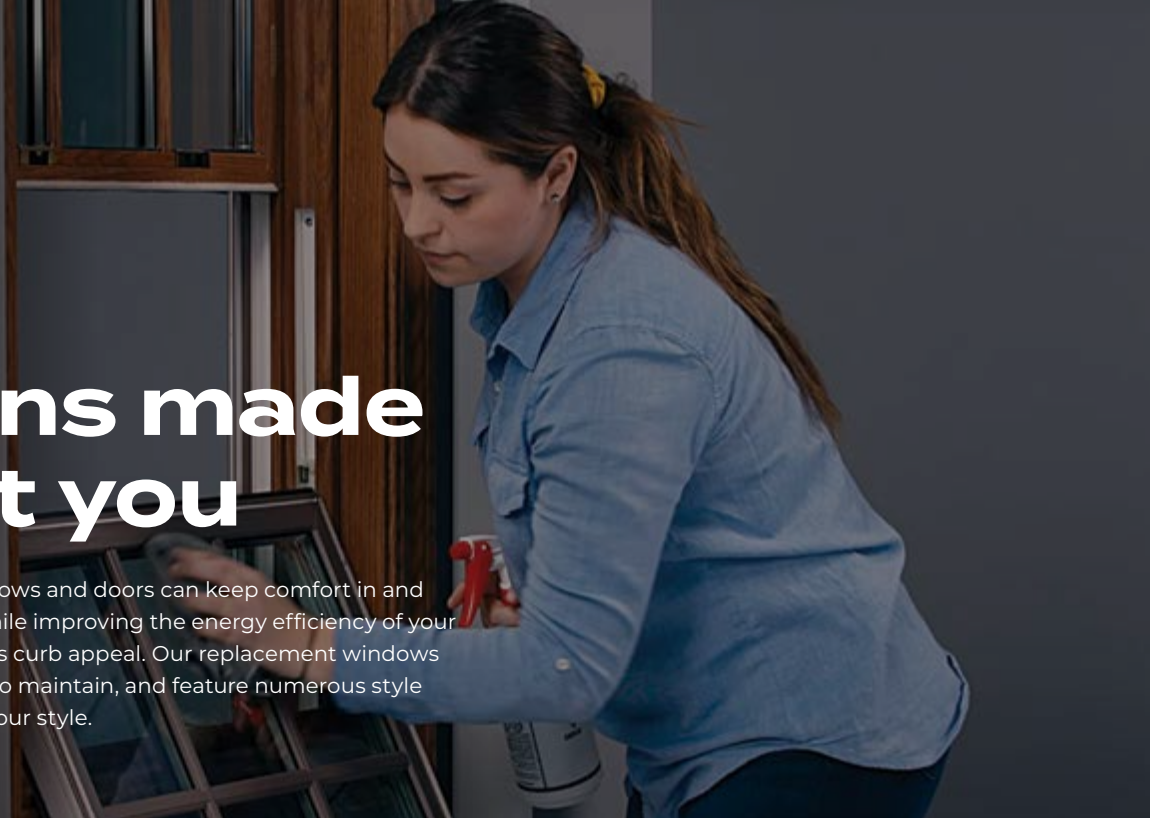
Choose standard or optional hardware that coordinates with interior finish selection. On-screen and printed color representations may vary from actual finish colors.

See our entire Vanguard® Series window offering online!



# Options made to suit you

Quality replacement windows and doors can keep comfort in and weather and noise out, while improving the energy efficiency of your home — and enhancing its curb appeal. Our replacement windows are simple to install, easy to maintain, and feature numerous style and color choices to suit your style.



## Double Hung

- Minimal maintenance and easy operation with tilt-in feature, contoured lift-rails and pre-tensioned, dual pulley block-and-tackle balance system
- Advanced, triple weather-stripping seals for top efficiency performance
- UltraCore® polyurethane window frame insulation provides added comfort and the ultimate in energy efficiency



## Single Hung

- Identical appearance to the double hung window, with coved interior glazing bead and recessed locks, but only one movable sash
- Lower sash offers tilt-in feature, contoured lift-rails and pre-tensioned, dual pulley block-and-tackle balance system
- Advanced, triple weather-stripping seals maximize efficiency



## Horizontal Slider

- Narrowline window design for maximum glass viewing area
- UltraCore® polyurethane window frame insulation provides added comfort and energy efficiency
- Lift out sliders with dual brass rollers featuring a stainless steel axle for years of worry free performance
- Available in single or double slider configuration

### SecureSeal™ System

All V4550 double hung and slider windows feature our SecureSeal™ Meeting Rail System, a fiberglass structural core with our high performance polyurethane insulation and a triple weather-strip barrier.



## Casement

- One of the industry's lowest air infiltration rates
- 1 3/8" overall triple glazed insulated high performance glass package option available
- Optional deeper sash allows for the combination of ENERGY STAR qualifying glass system with SunBlinds®
- Stepped internal and contoured external design maximizes the beauty while minimizing the appearance of the frame and sash
- Low profile, single-lever locking handle controls up to three locking points for added security
- Squareness ensured through adjustable hinge system
- Dual weather-stripping system with compression and primary seals protects against drafts



## Awning

- Optional 1 3/8" overall triple glazed insulated high performance glass package
- Contoured external design and stepped internal maximizes the beauty while minimizing the appearance of the frame and sash
- Added security via two low-profile, locking handles which control a single point lock bar
- Squareness ensured through adjustable hinge system
- Dual weather-stripping system with compression and primary weather seals protects against drafts
- One of the industry's lowest air infiltration rates



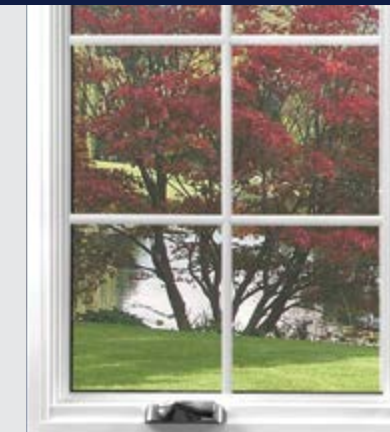
## Specialty Shapes

- Add distinction to your home's appearance inside and out
- Can be configured with various, operational windows and/or patio doors
- Standard geometric shapes include:
  - Full Circle
  - Circle Top
  - Circle Top with Extended Legs
  - Eyebrow
  - Eyebrow with Extended Legs
  - Octagon
  - Trapezoid
  - Pentagon
  - Quarter Round
  - Triangle
  - Architectural Single Hung
- Custom sizes and shapes available

All Sunrise Collection™ windows feature slim-line window design, providing noticeably greater glass area than any competitor



COMPETITOR'S VINYL CASEMENT WINDOW



VANGUARD® SERIES V4550 VINYL CASEMENT WINDOW

UP TO  
**27%**  
MORE VIEWING AREA

VANGUARD® SERIES V4550



# Create unique spaces

In addition to the most popular window styles, the Vanguard® Series V4550 also offers specialty windows and options that allow you to create a look and a space that is distinctly yours. Whether your home has a style that is classic or cutting-edge, you can custom design the window that fits right in.

## DIMENSIONAL WINDOWS



**Bay windows**  
 • 3 equal units, 2 narrow and one wide



**Bow windows**  
 • 4, 5, or 6 unit configurations



**Garden windows**  
 • One unit with small, venting sides

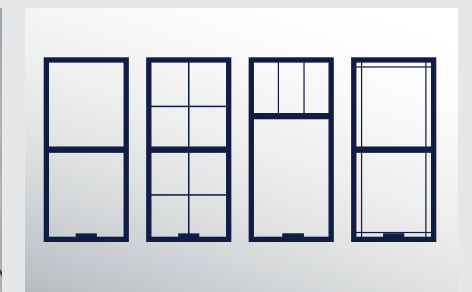
## TRADITIONAL ACCENTS



**Premium interior trim**  
 • Furniture-grade solid wood  
 • Pre-finished and pre-assembled  
 • Variety of profiles, stain colors, and casing styles available



**Simulated Divided Lites**  
 • Dimensional grid on the surface of the glass inside and out  
 • Spacer bar between the glass mirroring the SDL increases authentic appearance  
 • Variety of patterns available



**Simulated Meeting Rails**  
 • Adds hung-window appearance to casement and awning units  
 • Combine with grids for traditional, craftsman, or modern appearance

**FRAME OPTIONS**

Buying windows doesn't have to be complicated. MI makes it simple, from the planning stages through project completion. We'll help you understand which frame type suits your project and home style.

**Nail Fin**



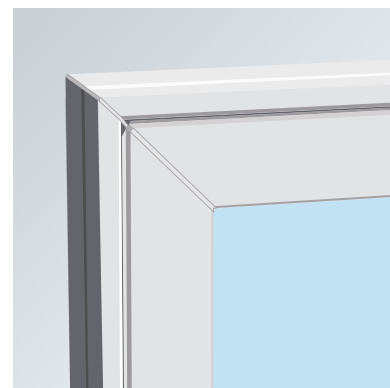
The nail fin is attached directly to the house's frame in new construction and replacement projects where studs are exposed.

**Flange**



This configuration comes with a flange on the exterior of the window to cover and seal the frame on homes with stucco.

**Finless**



Commonly used for replacement projects, this window inserts into your existing frame leaving interior and exterior trim undisturbed.

**EXTERIOR BRICKMOULD**

Our vinyl brickmould options are a long-lasting, low-maintenance way to enhance the beauty and curb appeal of your home. You'll be the envy of your neighborhood with any one of these brickmould exteriors.

**2 Inch Milled with Sill Nose Configuration**



**2 ¼ Inch Sloped with Picture Frame Configuration**



**OUR APPROACH**

Our windows insulate as well as elevate, tirelessly working to seal out the elements and create homes that are protected, comfortable, and quiet. The path to perfect windows and doors has never been more clear.

**Window features**

**1 VINYL FRAME**

Crafted with an exquisite eye for detail, the V4550 windows will allow you to enjoy low-maintenance, high-performance vinyl with long-lasting comfort.

**2 VIEWING AREA**

Thanks to their narrow frames, the V4550 windows boast a large expanse of glass, giving you 27 percent more viewing area.

**3 EXCEPTIONAL DETAIL**

Double-contoured, narrow-line window design emulates the look of traditional wood-frame windows.

**4 ENERGY EFFICIENT**

Tested and built for your climate, our windows and doors meet or exceed ENERGY STAR® requirements for energy performance.

**5 LIFETIME NON-PRORATED TRANSFERABLE WARRANTY**

Lifetime warranty guarantees coverage over the full window: the frame, hardware, moving parts, insulated glass, and screen.

LOCKING SYSTEM

**Hidden security**

Each V4550 sliding glass door is equipped with a concealed three-point locking system that simultaneously engages with the door jamb when the door is closed and locked.



# Create seamless transitions

The Vanguard® Series V4550 sliding glass door will open up your home in all kinds of ways. You'll relish the amazing views and abundant natural light entering your space. Our door panels glide effortlessly on twin tandem rollers, and house a three-point locking system for greater security. Add optional blinds-between-the-glass for enhanced privacy, easy maintenance, and light control.

**BUILT TO PERFORM**

The Vanguard® Series sliding glass door is packed with features that deliver life-long comfort and performance:

- 1 - **Structural Meeting Rail.** Incorporating FiberCore™ reinforcement, clash-free interlock and UltraCore™ insulation provides strength and efficiency.
- 2 - **Galvanized steel lock stile reinforcement.** This dual-purpose feature increases structural strength and resistance to thermal deflection.
- 3 - **Twin tandem, oversized steel rolling system.** 1 1/2" diameter wheels deliver decades of undisturbed operation.
- 4 - **Top hung screen.** Provides smooth, trouble-free operation with no hang-ups.



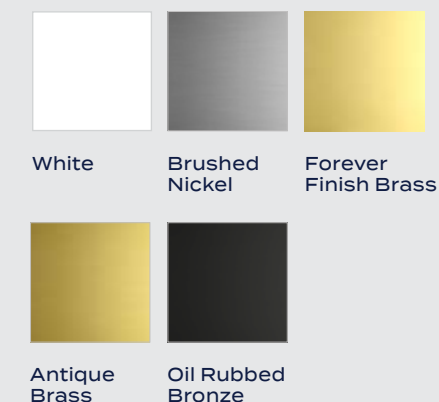
**HARDWARE**



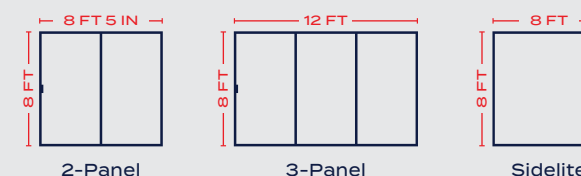
**Interior Handle**    **Exterior Handle with Keyed Lock**    **Foot Bolt (optional)**    **Magnetic Blind Operator** (white or tan; operator matches blind color)

**HARDWARE FINISHES**

Choose the hardware finish that complements your door panels or coordinates with other hardware in your home.



**MAXIMUM DOOR SIZING**



Custom door sizes and varying configurations of operating and fixed panels are available; please consult your Sunrise Collection™ dealer for lead times and details.

VANGUARD® SERIES V4550

See our entire Vanguard® Series patio door offering online!



# Reflect on endless possibilities

Your home is a reflection of you. Make a statement with finishes and glass, and grid options that harmonize with your home's look and style.



See even more Vanguard® Series customization options online.

## INTERIOR FINISHES

Solid vinyl extrusions offer even color distribution inside and out for windows and doors that are timeless, durable, and attractive.



Painter's White Tan Balanced Black Norwegian Maple Golden Oak

Our laminate woodgrain finishes resemble real wood with a worry-free finish that is easy to clean and fade resistant.



Provincial Oak Brazilian Pecan Colonial Cherry English Walnut Raw Pine Paintable/Stainable

## EXTERIOR FINISHES

Complement your home's exterior style with your choice of vinyl, capstock, or painted exterior. Our vinyl and capstock finishes are low-gloss, smooth surfaces, while our paints are nearly matte, textured finishes. Custom paint matching is available. Please consult your V4550 dealer for details.



Black Paint Antique Brown Paint Royal Brown Paint Mystic Gray Paint Vintage Linen Paint



Painter's White Tan Earthtone Capstock Sandstone Capstock Custom Color Paint

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## GLASS

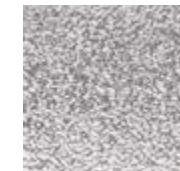
Select Low-E glass or choose one of two privacy options.



Low-E



Rain



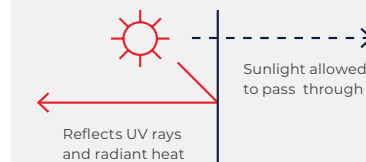
Obscure

## ENERGY EFFICIENCY

Our products are designed to meet and often exceed ENERGY STAR® standards in the climate zones we serve. We even have products that have received the highest rating of ENERGY STAR Most Efficient, an elite ranking achieved by few. Our warm-edge spacers help to lower conductivity, improve argon gas retention, and increase condensation resistance, while our Low-E glass coatings help reflect the sunlight away from your home to help maintain consistent and comfortable interior temperatures.

### What is Low-E?

Low-E glass blocks the bad stuff and lets in only the light you want.



## GRIDS

Grids between the glass add style and allow for easy cleaning. Simulated divided lites (SDL) create a more historical look, while simulated meeting rails (SMR) can create a consistent look among varying operating styles.



Flat Grids Between the Glass



Sculptured Grids Between the Glass



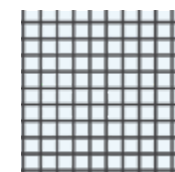
Simulated Divided Lite



Simulated Meeting Rail

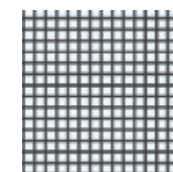
## SCREENS

Choose from standard mesh or OptiView mesh for a clearer view. We also offer a durable "Pet Tough" screen made of a stronger fiber that resists damage often caused by the family pet.



Standard Mesh

Lets fresh air in and keeps most everything else out



OptiView Mesh

Finer mesh allows for clearer views and better particle protection

#### OUR COMMITMENT TO YOU

We have a dedication to quality and build our windows and patio doors to last. With Vanguard® Series V4550, you're covered for as long as you own your home with our industry-leading Lifetime Non-Prorated Transferable warranty. This warranty covers everything from corner welding on the frame and sashes, to hardware components, to glass itself.

See complete details at [miwindows.com/warranty](https://miwindows.com/warranty)

#### OUR GOAL IS 100% TROUBLE-FREE

With a goal of 100% trouble-free, our teams work tirelessly to help ensure your project stays on track.

From regular inspections and quality audits throughout the manufacturing process, we strive to ensure that the final product you receive meets our high standards.

In addition, MI windows and patio doors carry the American Architectural Manufacturers Association (AAMA) Gold Label to show they have met their strict requirements, which are tested and certified by a third party. This rigorous testing includes water penetration, air leakage, structural integrity, and Forced Entry Resistance.



100%



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SUNRISE COLLECTION™ VANGUARD® SERIES V4550

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**MI**<sup>®</sup> WINDOWS  
and DOORS

Success means getting it right  
in every detail, every time.  
Build boldly with MI.

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

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By MITER Brands™

A family of leading window and door  
brands, united by our passion for  
quality and relentless pursuit of 100%.

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