

PRIMA VINYL WINDOW SERIES

# New Approach to Window Quality and Efficiency

**STAGE**  
WINDOWS & DOORS

[www.stagewindows.com](http://www.stagewindows.com)

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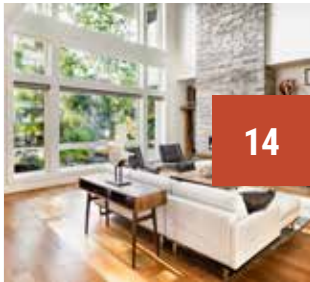
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OVER  
**60,000**  
SQUARE FEET  
MANUFACTURING FACILITY

For the ultimate process control, Stage Windows and Doors has equipped their manufacturing facility with all the key component fabrication processes needed to make the most energy-efficient and reliable windows on the market. With everything under one roof—from the insulated glass unit fabrication to UPVC profile bending to painting—all quality and service levels can be managed seamlessly and proficiently.

## Lifetime of Experience

With a lifetime of experience in the window and door industry, the managers of Stage Windows and Doors have a unique understanding of the complexities and intricate details associated with designing and manufacturing window and door systems for the replacement, new construction and custom home markets.



**NAFS 11**

# New Approach to Window Quality and Efficiency



## ENERGY STAR®

As of January 1st 2020 the 2020 Guidelines for ENERGY STAR® certified windows, doors and skylights have come into effect.

In comparison to the previous standards, where Canada was divided into three zones reflecting the severity for the weather conditions, now there are no zones. All Canada is under the same standards. The new standards are now equal to the most stringent that were previously in place.

## Certification Results

The following technical specification determines how residential windows, doors, and skylights sold in Canada are certified for the ENERGY STAR® program. Energy efficiency requirements for windows and doors are reflected in Table 1 and Table 2. At least one of the two criteria needs to be met.

Table 1: U-factor Criteria  
for Residential Windows and Doors

Product	Max U-factor	Max U-factor
Windows and Doors	1.22 W/m2·K	0.21 Btu/h·ft2°F

Table 2: Alternate ER Criteria  
for Residential Windows and Doors

Product	Min ER
Windows and Doors	34

With new stringent requirements there has been a natural selection of energy efficient products, exposing the ones that are not particularly efficient. These ones are no longer ENERGY STAR® products. As a result, many windows now need to be upgraded with triple glazing glass or multicoating Low-E glasses to meet the minimum requirements.

Ranking as one the most efficient, Stage windows can meet ENERGY STAR® standards with a basic Low-E and clear glass unit. The design, the quality of the material and the manufacturing processes are the key elements behind these standards.

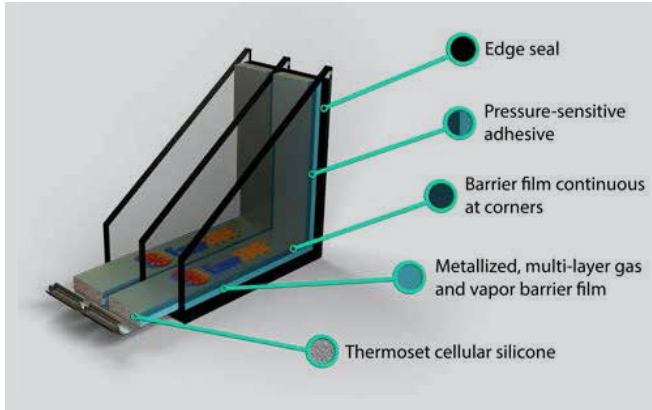


## NFRC

Stage manufacturing facility operates under stringent quality processes imposed by NFRC certification programs. This ensures that your windows are made with highest quality standards all the time and are made exactly as the ones tested.

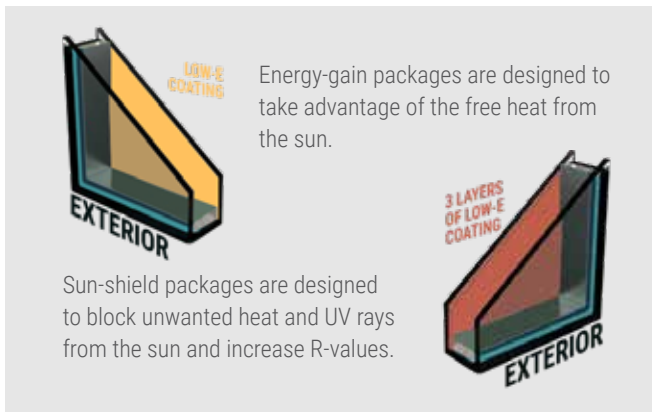
## NAFS-11

Stage windows are among the few lines that meet NAFS-11. These high standards can be met when combinations windows (two or more windows assembled together) meet certain performance grades. This is difficult to achieve.



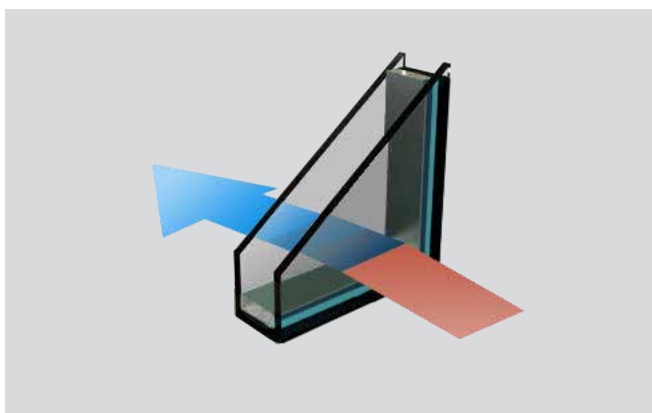
## Double and Triple Pane

One of the key elements that gives the glazing system thermal insulating power is the gap between the glass panes. The ideal gap is  $\frac{1}{2}$ " which means the glazing system must have an overall thickness of  $\frac{7}{8}$ " for double glazing and  $1\frac{1}{4}$ " or  $1\frac{3}{8}$ " for triple glazing. The majority of the systems on the market cannot meet these criteria.



## Low-E Coating

Interior LoE options available with both Energy-gain and Sun-shield packages. Energy-gain and Sun-shield packages to meet customers' needs; from energy gain to high R-value and UV-blocking features. Both packages have multiple combinations of Low-E glasses to achieve different levels of performance.



## Argon and Krypton Gas

Triple pane technology is designed to reduce the window's heat conductivity and stop the cold from getting inside the house. To achieve this, Argon or Krypton gases are utilized to fill the space between the panes. Both gases conduct up to 50% less heat than air, and when coupled with triple pane construction you get added protection against heat loss, condensation and cold weather. Less heat loss translates directly into more energy cost savings for you.



# NEW AGE EFFICIENCY & HARDWARE

## Up to 10% Thicker UPVC Profile Walls

7% to 10% thicker UPVC profile walls for all awning, casement, casement fixed and picture windows, when compared to the industry average. Engineered for heavier, triple-glazed glasses and to comply with large window structural requirements.

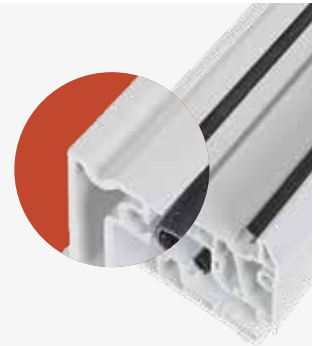


## True Multi-Chamber Design

True multi-chamber design for all window styles to improve the structural performance, the sound insulation and reduce the risk of warping.

## Screen Groove Port Design

New screen groove port design for casement and awning windows allows for a precise fit of the push-down screen.



## Multiple Glazing Options

1 3/8 triple glazing is 30% more efficient than 7/8 triple glazing offered by most of the windows manufacturers.



### Glazed from the Interior

All windows are glazed from the interior side for additional security and easy glass replacement – no need to access the window from the outside.

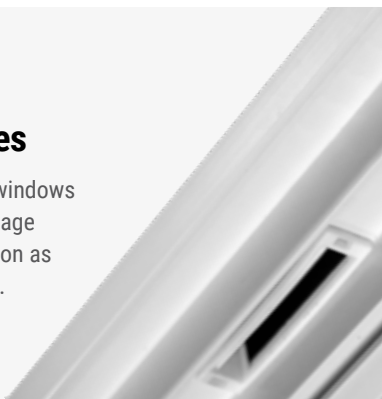
### Double-Wall Glazing Tower

Sliders and hung windows feature a double-wall glazing tower for a snug fit and smooth operation of moving parts.



### Hidden Drain Holes

Hidden drain holes on all windows allow for more water drainage with lower risk for infiltration as well as a clean/cut design.



### Slimmer Profile Options

The awning, casement, casement fixed and picture windows feature slimmer profiles to allow more glass and higher thermal performance.



### Heavy Duty Interlock

Heavy duty interlock engagement system on the mullion profile.



### 20-30% More Internal Walls

Larger profiles with 20% to 30% more vinyl for sliders and hung windows, when compared to the industry average. These provide the highest structural and energy-efficiency characteristics.



### Reinforcement Options

Reinforcement options available on single and combination windows. The ERP system will automatically include reinforcement on large systems and allow the user to add the option if desired on smaller units.

Typical Mullion



Stage Mullion



# Finishes & Colours

Selection of exterior stocked standard colours, paint-to-order, and interior colour matching program for operable casement, fixed casement, awning, picture.

Standard White



Colours may vary from those illustrated due to printing process.

Antique Brass



Brushed Nickel



Faux Orb



Black





<b>Black STOCK</b>	<b>Chestnut Brown STOCK</b>	<b>Commercial Brown STOCK</b>
<b>Pebble STOCK</b>	<b>Cream STOCK</b>	<b>Green Forest STANDARD</b>
<b>Iron Ore STANDARD</b>	<b>Sable STANDARD</b>	<b>Slate STANDARD</b>
<b>Dover Gray STANDARD</b>	<b>Sandalwood STANDARD</b>	<b>Cashmere STANDARD</b>

Colours may vary from those illustrated due to printing process.

# Brickmould

Brickmoulds are an important part of window replacement. A brickmould is a strip of vinyl that is used to close the small gap between the wall and the frame of the opening, providing a seal against both water and air infiltration.

Vinyl brickmoulds are lightweight, durable and easy to work with. They create a traditional look, do not need to be painted, and come in a variety of colours to easily match the colour scheme of your home.



3/4 and 3/4J

1" Sill Brickmould

1" Colonial

1" 1/4  
1" 1/2

2"



## Vinyl & Wood Casings & Jamb Extensions

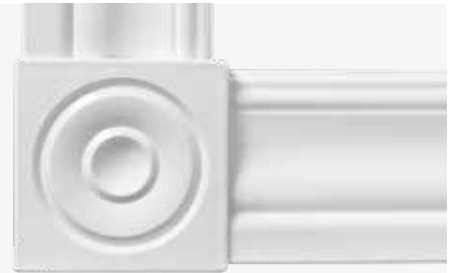
We offer a variety of sizes and materials, our vinyl snap-on casing, wood casing, and wood and vinyl jamb extensions perfectly complement your vinyl window, accentuated with stylish rosettes or mitered corner casings

100% lead-free durable virgin UPVC

100% maintenance free

Mouldable for windows of various shapes

Colonial Casing  
with Rosette



Flat Casing



Colonial Casing with  
45 Degree Corner



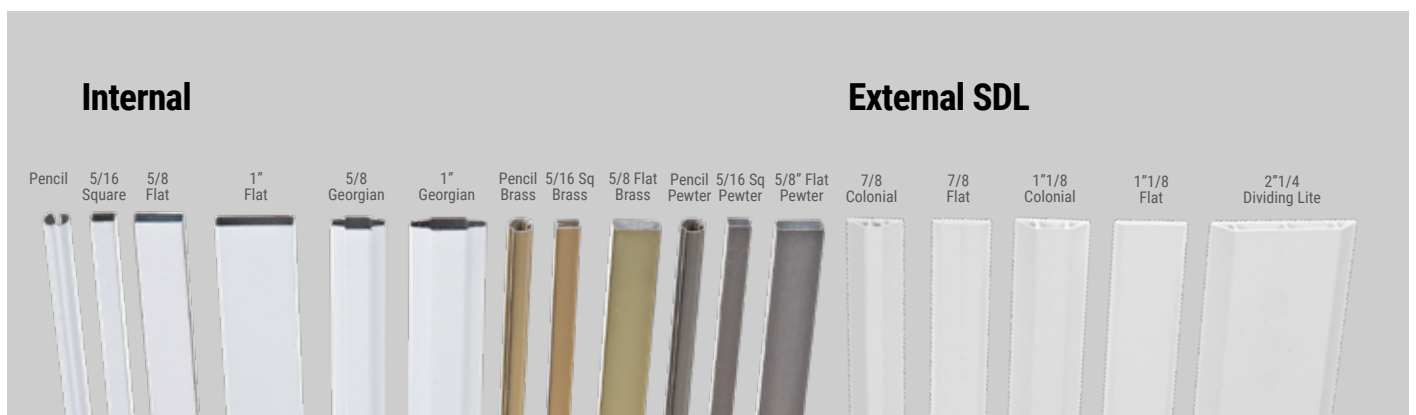
2" Cap



Plank

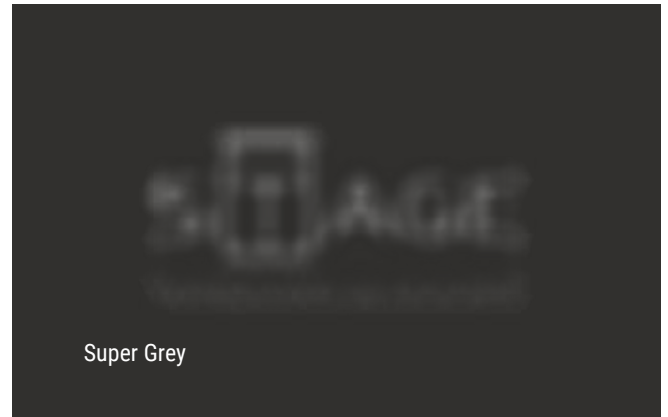
# Grills

Stage windows flat bars are made of extruded metal to minimize the rattling effect. Stage is also offering a variety of SDL (Simulated Divider Light) in a variety of colours and shapes to make your windows deep and rich in look.



# Privacy Glass

Our glass is available in a multitude of designs to complement the interior or add privacy where desired. Other glass options are available, including grey and bronze tints.







## PRIMA VINYL SERIES





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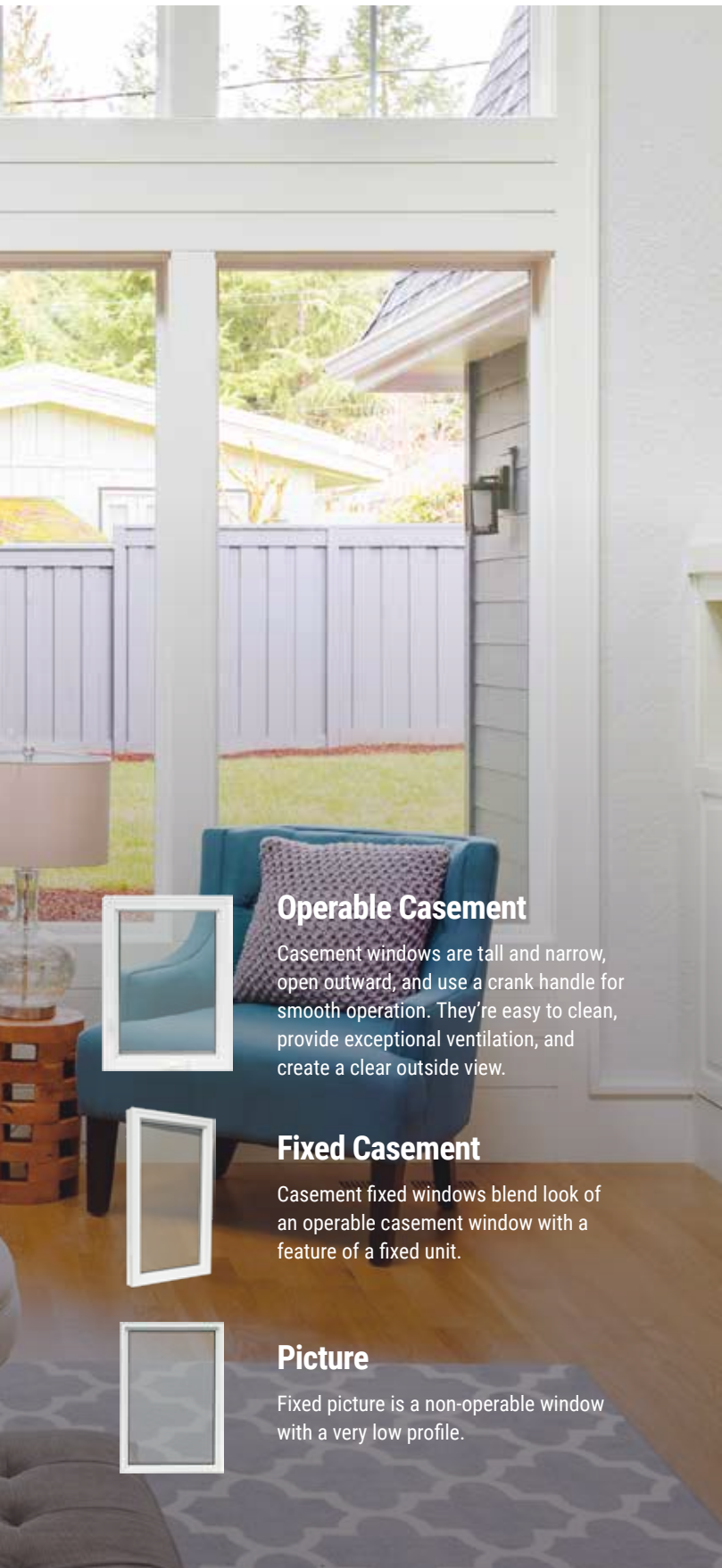


# Casement

Casement windows open easily and provide full-height ventilation. They are hinged on the left or right and are an excellent option for hard-to-reach areas.

Window Type	Size Tested	Air Perf-ce	Water Perf-ce	Product Class	Perf-ce Grade
Casement	34" x 74"	A3	720Pa	Light commercial	PG70
Picture	72" x 72"	A3	720Pa	Light commercial	PG70
Fixed	72" x 72"	A3	720Pa	Light commercial	PG60
Combination	84" x 84"	A3	720Pa	Light commercial	PG30





### Operable Casement

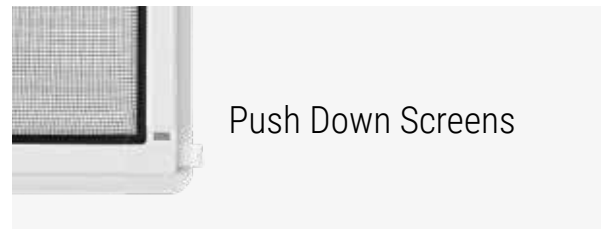
Casement windows are tall and narrow, open outward, and use a crank handle for smooth operation. They're easy to clean, provide exceptional ventilation, and create a clear outside view.

### Fixed Casement

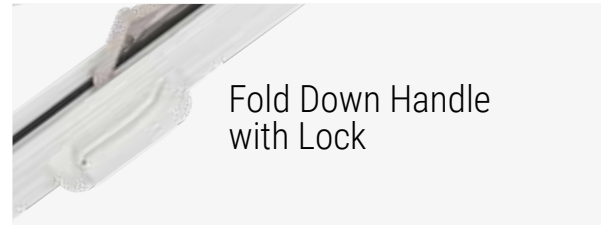
Casement fixed windows blend look of an operable casement window with a feature of a fixed unit.

### Picture

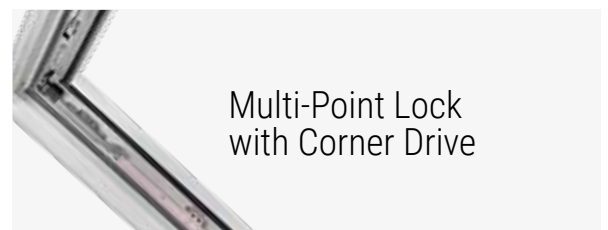
Fixed picture is a non-operable window with a very low profile.



Push Down Screens



Fold Down Handle with Lock



Multi-Point Lock with Corner Drive



Premium Heavy-Duty Hardware



Superior Structural Design

Colours		12+ variants	Page 9
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# Awning

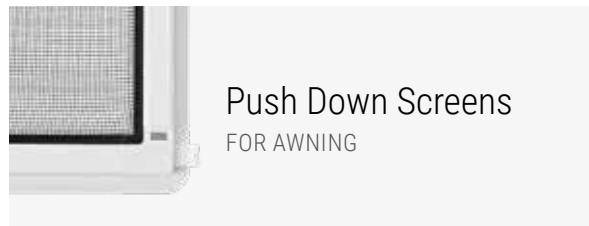
Awning windows run horizontal, are hinged at the top, and open out from the bottom. Easy crank handle operation provides excellent ventilation without allowing precipitation in.

Window Type	Size Tested	Air Perf-ce	Water Perf-ce	Product Class	Perf-ce Grade
Awning	48" x 60"	A3	720Pa	Light commercial	PG50
Combination	84" x 84"	A3	720Pa	Light commercial	PG30

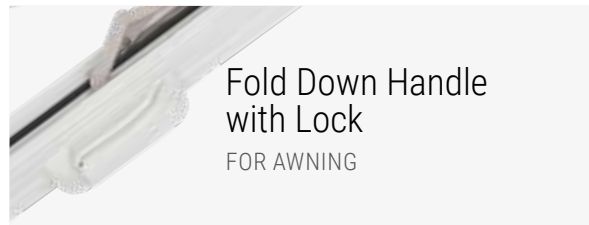


## Hopper

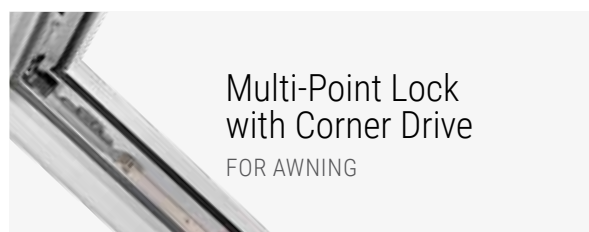
Hopper windows are similar in operation to awning windows as they operate on a hinge, but instead of opening toward the outside, they open into the room.



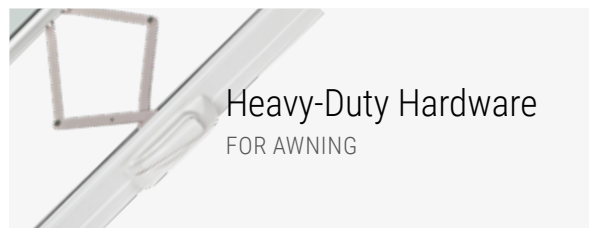
**Push Down Screens**  
FOR AWNING



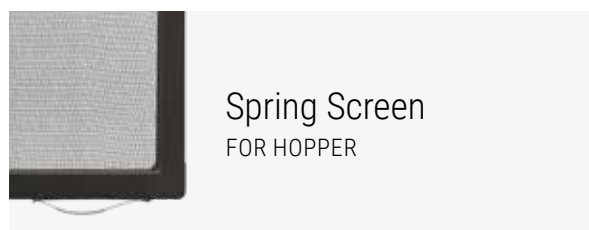
**Fold Down Handle with Lock**  
FOR AWNING



**Multi-Point Lock with Corner Drive**  
FOR AWNING



**Heavy-Duty Hardware**  
FOR AWNING



**Spring Screen**  
FOR HOPPER

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\* Hardware finishes not available for hopper windows.

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# Sliding

Slider windows come in three different configurations - single, double and end vent to maximize ventilation. They work well along walkways, porches, or decks as the sash do not open out.





## Single Tilt

As with single hung, single tilt slider windows include one stationary and one operable window sash. This window moves side to side and tilts inward for easy cleaning.



## Double Tilt

A double tilt slider has two operable sashes that move horizontally. One or both can be opened simultaneously for better ventilation. Both can tilt in for easy cleaning.



## Single Lift Out

Single tilt slider lift out windows include one stationary and one operable window sash. This window moves side to side and the sash can be removed by lifting out.



## Double Lift Out

Double tilt slider lift out windows include two operable window sashes. This window moves side to side and the sashes can be removed by lifting out.



## End Vent

The end vent slider features two venting sashes with a low fixed centre sash. When a window opening is wider than 74 inches and a sliding option is desired, the end vent slider is the most effective option available. End vents come with tilt in or lift out sashes in a 1/3 + 1/3 + 1/3 or 1/4 + 1/2 + 1/4 split.



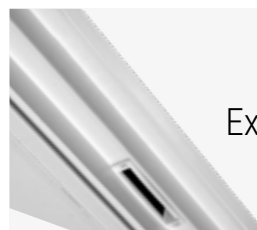
## Heavy-Duty Cam Lock & OPTIONAL SELFLOCKING LOCK



## Night Latches



## Spring Screen



## Exterior Drainage Flaps



## Superior Structural Design

Window Type	Size Tested	Air Perf-ce	Water Perf-ce	Product Class	Perf-ce Grade
Single	63" x 44"	A3	400Pa	Residential	PG50
Double	63" x 44"	A2	360Pa	Residential	PG50

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# Hung

Hung windows are available with a single- or dual-operating sash. The sash slide along a vertical track to allow ventilation. They are an excellent choice for areas that face walkways, decks, or porches as they do not open outward.

Window Type	Size Tested	Air Perf-ce	Water Perf-ce	Product Class	Perf-ce Grade
Single	47.6" x 71.7"	A3	440Pa	Residential	PG40
Double	47.6" x 71.7"	A3	440Pa	Residential	PG40

## Single

A single-hung window consists of a stationary sash and an operable sash that moves up and down. The operable sash also tilts inward for easy cleaning.



## Double

Hung dual or double-hung vinyl windows have two operable sashes that slide vertically and tilt for easy cleaning. One or both sashes can be opened simultaneously for better ventilation.





## Arch Top

Hung arch top windows come in a variety of sizes, lite patterns, and radius shapes for design flexibility (including picture windows and transoms).



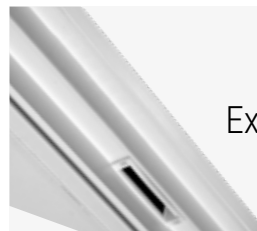
Heavy-Duty Cam Lock



Night Latches



Spring Screen



Exterior Drainage Flaps



Superior Structural Design

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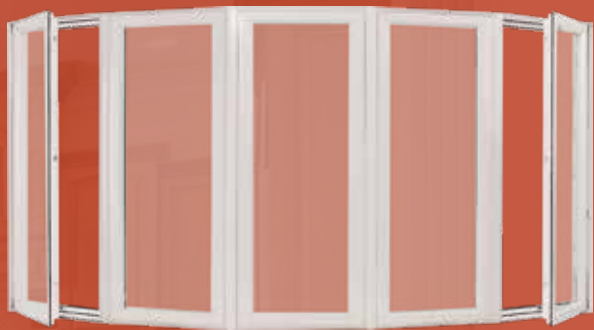


**PRIMA VINYL**



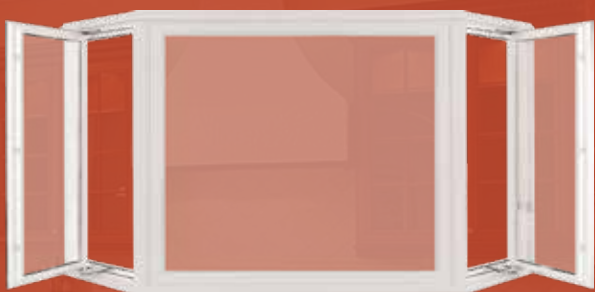
**PRIMA VINYL**





## Bow

Bow vinyl windows typically combine four or five adjoining window units to provide a window seating area and sweeping views from all angles. Each unit can be stationary, operable, or any combination.

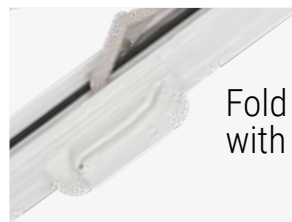


## Bay

Vinyl bay windows consists of one large stationary window in the center and an operable casement on each side. It adds extra seating, brightens the room, and creates a unique design space for your home.



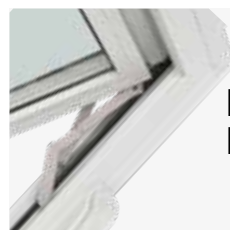
Push Down Screens



Fold Down Handle with Lock



Multi-Point Lock with Corner Drive



Premium Heavy-Duty Hardware

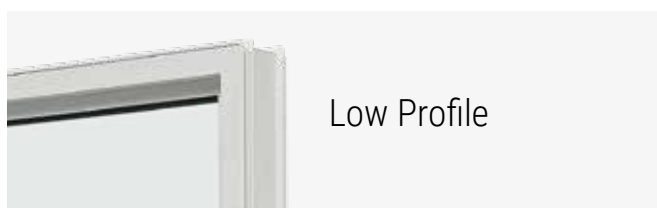


Superior Structural Design

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## PRIMA VINYL

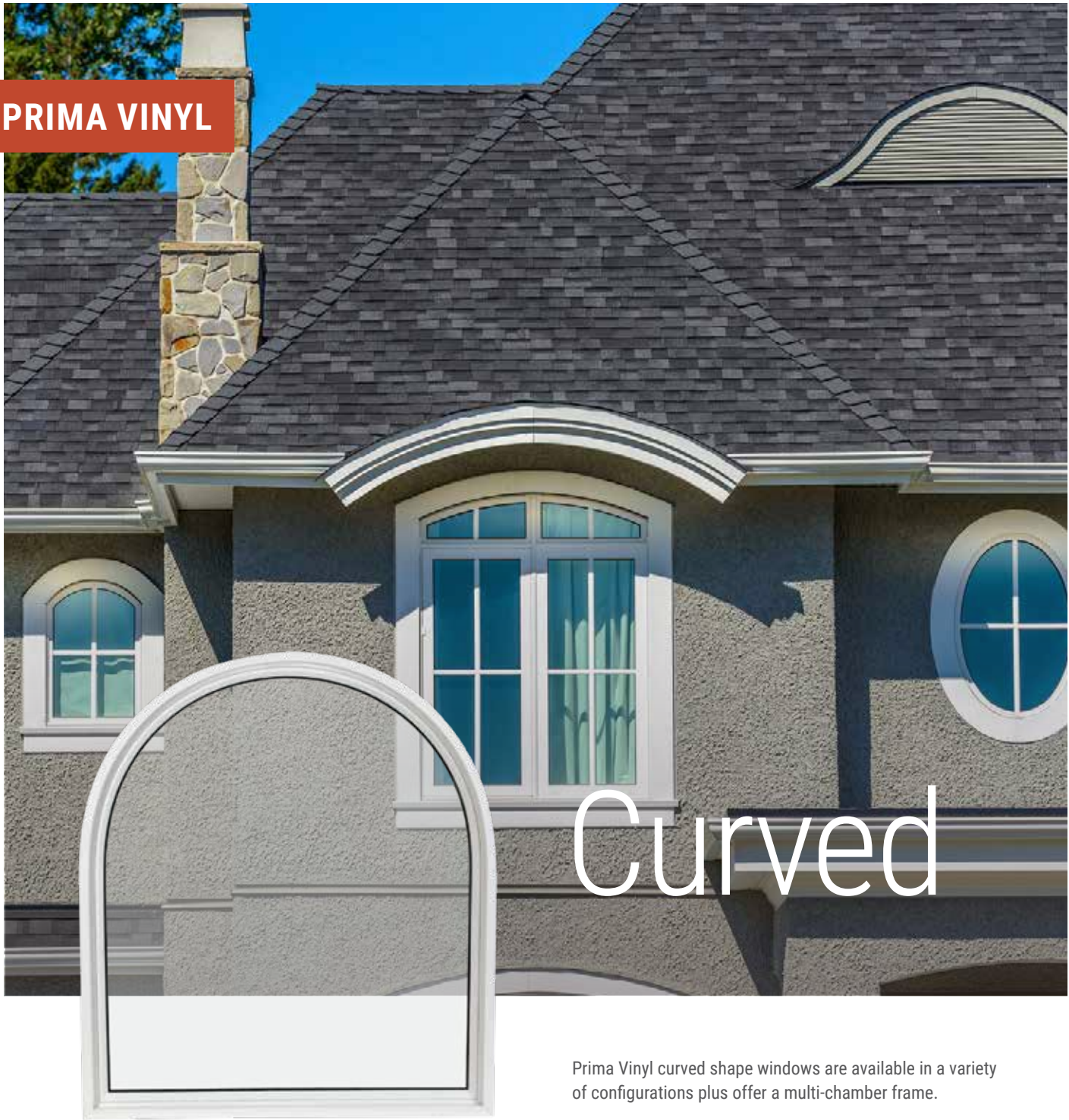


Window Type	Size Tested	Air Perf-ce	Water Perf-ce	Product Class	Perf-ce Grade
Low fix	72" x 72"	A3	720Pa	Light commercial	PG70
High fix	72" x 72"	A3	720Pa	Light commercial	PG60
Combination	84" x 84"	A3	720Pa	Light commercial	PG30

A linear profile window is a system that is made in a shape that has no curved sides. It has a unique appeal.



PRIMA VINYL



Prima Vinyl curved shape windows are available in a variety of configurations plus offer a multi-chamber frame.

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# Patio Doors

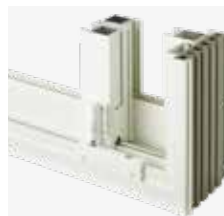
Patio doors and front entry doors often get replaced at the same time as windows around the house. But whereas an entry door is often made from a combination of wood and steel, the manufacturing and functions of your patio doors are almost identical to that of your windows.



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Folding Security Bar



Two-Position Kick Lock



Elite Handle

Patio doors can accommodate any standard or custom-sized openings up to 12 feet in width. All patio doors include a sliding screen.



# Warranty

## VINYL

**LIFETIME WARRANTY** on White Vinyl Frame and Vinyl Sash Members. Stage Windows are warranted against such defects in material that might result in blistering, peeling, flaking, corroding and uneven fading of the frame or sash members for the lifetime of the product from the date of installation

## HARDWARE

**15 YEAR LIMITED WARRANTY** on Hardware. All Stage Windows hardware are warranted against defects in materials and workmanship for a period of 15 years from the date of invoice. This Limited Warranty does not cover any hardware that has been tampered with or any product which has been improperly installed, abused, misused, worn out, altered, used for a purpose other than that for which it was intended, or in a manner inconsistent with any instructions regarding use of such product, nor does it cover corrosion related damage.

## GENERAL TERMS

All windows by Stage Windows and doors are manufactured to meet or exceed industry standards. Stage windows and doors warrant its products against defects in materials and workmanship, occurring because of the manufacturing process. Our Window parts and components are covered during the stated period, under normal use and service, subject to the terms and conditions contained in this transferable limited lifetime warranty. The following window parts and components are covered during the stated period, under normal use and service, subject to the terms and conditions contained in this limited warranty.

### Lifetime

Warranty on White Vinyl Frame and Vinyl Sash Members

### 20-Year Limited

Warranty on Insulating Glass

### 15-Year Limited

Warranty on Hardware

### 15-Year Limited

Warranty on Painted Windows

### Fully Transferable

at no Charge

## INSULATED GLASS

**20 YEAR LIMITED WARRANTY** on Insulating Glass. At Stage Windows and Doors insulating glass units are covered by a 20 Year Warranty against sealed unit failure. "Failure" is defined as a loss of the seal between the glass and the edge sealant resulting in the formation of moisture between the inner and outer panes of glass or the collection of dust or dirt between the inner and outer panes of glass. Under no circumstances is broken glass covered under this warranty. According to the Canadian Glazing Standards Board (CGSB) for glazing quality glass, defects such as minute bubbles, eyes, crystals and/or scratches are normal and inherent to any manufactured glass product. These minor defects are not warranted. Cracked glass or IG failure due to a manufacturing defect or subject to thermal shock are covered on parts for a period of one (1) year from date of invoice.

## PAINTED PRODUCTS

**15 YEAR LIMITED WARRANTY** on painted products. Stage Windows painted windows are warranted against such defects in material and workmanship that might result from paint peeling, flaking, cracking and major non-uniform discoloration for a period of fifteen (15) years and is caused by exposure to sunlight, heat, or noxious or abrasive materials. Corner welds on colored windows may fade over time. Color touch-up is the responsibility of the home owner. Stage Windows warrants that the UPVC laminate will not delaminate, chip, crack or blister for a period of fifteen (15) years under normal conditions. Damage of the interior laminate caused by using abrasive cleaners is excluded.

## TRANSFER

Stage windows and doors warranty is fully transferable at no extra costs, provided that the products are registered within 30 days from the purchasing and a notification of the transfer from the new owner is submitted within 30 days from the closing day. Notifications to Stage windows can be sent via mail or be made online.

## LIMITATIONS ON REPAIRS OR REPLACEMENT

Stage's liability is limited solely to the repair or replacement of parts and to substitute such parts with equivalent as it may be necessary at the sole discretion of Stage. Under no circumstances will Stage be liable for incidental or consequential charges, such as, but not limited to, labor costs for any purpose, inconvenience, damage or injury to persons or to property, or any other expense. This Warranty will be deemed null and void if the owner/purchaser modifies or otherwise alters in any way the product after installation without the written consent of Stage, if the product is used for a purpose not intended, or otherwise outside the accepted and advised use and if harmful cleaning solutions and abrasive compounds are used, as well as any windows manufactured outside Stage manufacturing specifications as specified on Stage's website. Stage windows and doors limited lifetime Warranty must be registered within 15 days from the completion of the installation to be valid. Registration can be made online or via mail, by providing Dealer name, copy of the invoice or work order number, date of purchase, day of installation.

## SCREENS

Punctures and tears in screens are covered for a period of 10 days after the delivery or pick up. Parts Free, labour not included. Please note that a screen will not stop a child from falling out of the window

## EXCLUSIONS

The following are excluded from coverage under this Warranty:

- Exposure to harmful pollutants, the corrosion of non-vinyl products or components due to the proximity to coastal areas, excessive thermal or physical stress and/or high humidity levels such as but not limited to improper storage.
- Any damage to the window or window components due to the settlement of building structure.
- Any damage caused by wind, hail, lightning or other incident of weather, deemed as an act of God.
- Minor imperfections in windows and doors that do not affect the product's structural integrity or obscure vision.
- Any window which has been repaired or modified by any person other than a factory-trained Service Technician or authorized Stage representative or any Non-Stage add-on or replacement parts added to the Window(s)
- Any defect, malfunction or failure to perform, which has occurred because of unreasonable use, improper application or the failure to perform reasonable or necessary maintenance.
- If products with visible defect(s) after goods have been picked up or delivered and are installed with such defects, but not limited to scratches, dents, and cracks and/or damaged components without notifying Stage prior to installation. Any product not paid in full or sold through any account which is not in good stand.
- Condensation on windows, which may occur as a natural result of humidity within the house or building area. Please refer to [oee.nrcan.gc.ca](http://oee.nrcan.gc.ca) for condensation prevention tips.

## PATIO DOORS

Stage warrants the patio door vinyl frame and sash components against blistering and peeling, flaking, and corroding for a period of twenty-five (25) years. All hardware is warranted against defects for two (2) years. Insulating glass panels are warranted against seal failure for ten (10) years. Workmanship and mini blinds are warranted for a period of five (5) years. Exterior paint warranted for a period of ten (10) years to remain free of peeling, cracking and major discoloration not caused by exposure to sunlight heat, noxious or abrasive materials.

### **30-day warranty on screens**

Punctures and tears in screens are covered for 30 days Parts Free, labor not included. Please note that a screen will not stop a child from falling out of the window.



# STAGE

WINDOWS & DOORS



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