



**KV Custom
Windows + Doors**



Windows



01. Window Styles

- 06. Casement
- 07. Awning
- 08. Double hung
- 09. Single hung
- 10. Double tilt slider
- 11. Single tilt slider
- 12. Double lift out slider
- 13. Single lift out slider
- 14. Bay windows
- 15. Bow windows
- 16. High profile fixed
- 17. Low profile fixed
- 18. Hung slider fixed
- 19. Basement windows

02. Specialty Windows Collections

- 22. Architectural shaped windows
- 23. Northern Wood collection
- 24. Grill options

03. Window Options & Accessories

- 28. Glass features & options
- 29. Exterior accessories
- 30. Colour options
- 32. Technology
- 34. Condensation

Every window is built with care.

Our Window Styles combine efficiency, craftsmanship and beauty that will complement your home inside and out. We provide a wide variety of options and styles to help fit your needs.

01

Window Styles



Casement

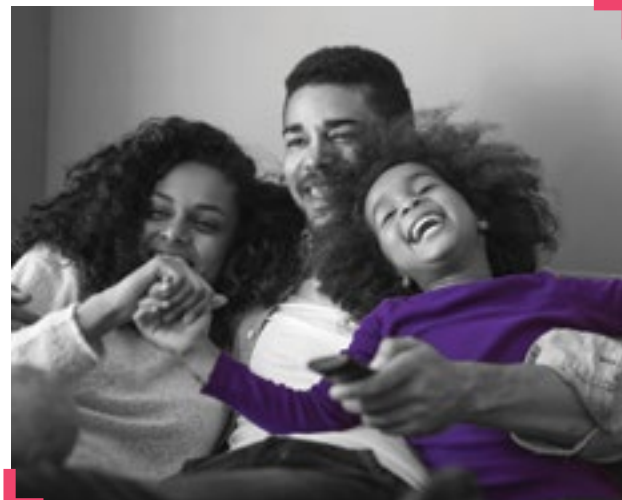


What are Casement Windows?

Casement windows are hinged on the vertical side so they conveniently open outward to maximize air venting while minimizing the impact on your indoor space.

KEY FEATURES

1. Fusion-welded corners on frame and sash maximize its strength and stability
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard (1 1/8" and 1 3/8" triple glazing optional)
3. Nesting operators provide smooth and easy operation for the life of the window; operating handle has sleek contoured lines
4. Triple-seal weather-stripping and step-down frame design offer superior protection against air and water penetration
5. Tape glazing system and a co-extruded flexible seal on sash exterior guard against leaks and maximize structural integrity
6. 3 1/4" and 4 5/8" frame depths available



Awning



What are Awning Windows?

Awning windows are hinged on the horizontal side, perfect for rainy days as the outward opening will keep the water out.

KEY FEATURES

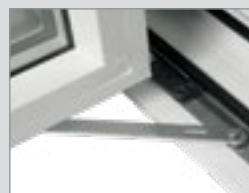
1. Fusion-welded corners on frame and sash maximize its strength and stability
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard (1 1/8" and 1 3/8" triple glazing optional)
3. Nesting operators provide smooth and easy operation for the life of the window; operating handle has sleek contoured lines
4. Triple-seal weather-stripping and step-down frame design protect against air and water penetration
5. Tape glazing system and a co-extruded flexible seal on sash exterior protect against leaks and promote structural strength
6. 3 1/4" and 4 5/8" frame depths available



Nesting Operating Handle



Multi-Point Lock



Stainless Steel Hinges



Fusion-Welded Corners on Frame and Sash



Multi-Chambered Frame and Sash



Heavy-Duty Roll Form Aluminum Screen Bar

Double Hung



What are Double Hung Windows?

Double Hung windows are coil-balanced to open and close smoothly with both sashes tilting inwards for easy cleaning.

KEY FEATURES

1. Fusion-welded corners on frame and sash
2. Premium White "S" Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard
3. Die cast lock and closed back keeper offer superior strength at interlock point
4. Interior pocket has a bulb seal design to eliminate air infiltration
5. Tape glazing system and a co-extruded flexible seal on sash exterior guard against leaks and maximize structural integrity
6. 3 1/4" frame depth
7. Triple-seal weather-stripping design for protection against air and water penetration
8. Constant force sash balance system enables sash to operate effortlessly
9. Common exterior design for a unified exterior look



Die Cast Lock and Closed Back Keeper



Recessed Tilt Latches



Night Latches



Single Hung



What are Single Hung Windows?

Single Hung windows are coil-balanced to open and close smoothly with the top sash fixed and the bottom sash tilting inwards for easy cleaning.

KEY FEATURES

1. Fusion-welded corners on frame and sash
2. Premium White "S" Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard
3. Die cast lock and closed back keeper offer superior strength at interlock point
4. Interior pocket still has a bulb seal design to block out water
5. Tape glazing system and a co-extruded flexible seal on sash exterior guard against leaks and maximize structural integrity
6. 3 1/4" frame depth
7. Triple-seal weather-stripping design for protection against air and water penetration
8. Constant force sash balance system enables sash to operate effortlessly
9. Common exterior design a unified exterior look



Instant Locking Pivot Shoe

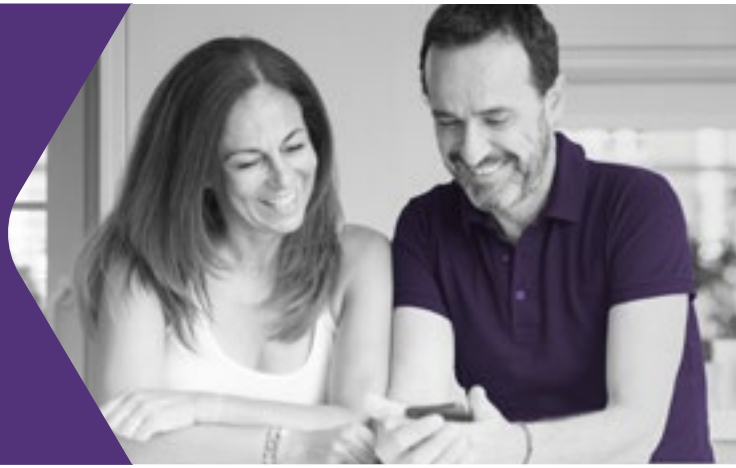


Multi-Chambered Frame and Sash



Fusion-Welded Corners on Frame and Sash

Double Tilt Slider



What are Double Tilt Slider Windows?

Double Tilt Slider windows are removable with both sashes tilting inwards for easy cleaning. One sash glides smoothly over another to offer maximum ventilation without obstructing your view.

KEY FEATURES

1. Fusion-welded corners on frame and sash for structural integrity
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard
3. Die cast lock and closed back keeper offer superior strength at interlock point
4. Triple-seal weather-stripping design for protection against air and water penetration
5. Operable sashes designed to tilt out for easy cleaning (Double Tilt both sashes, Single Tilt interior sash only)
6. 3 1/4" frame depth
7. Double-walled, contoured pull rail for strength and ease of use



Single Tilt Slider

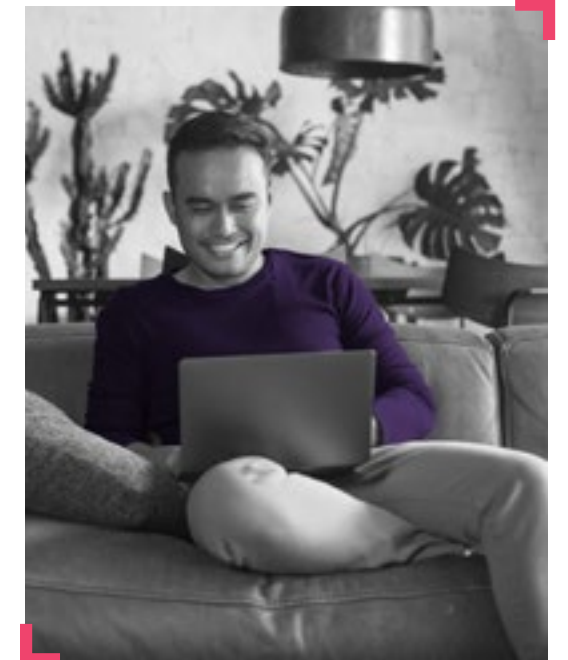


What are Single Tilt Slider Windows?

Single Tilt Slider windows are removable with one sash tilting inwards for easy cleaning. One sash glides smoothly over another to offer maximum ventilation without obstructing your view.

KEY FEATURES

1. Fusion-welded corners on frame and sash for structural integrity
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard
3. Die cast lock and closed back keeper offer superior strength at interlock point
4. Triple-seal weather-stripping design for protection against air and water penetration
5. Operable sashes designed to tilt out for easy cleaning (Double Tilt both sashes, Single Tilt interior sash only)
6. 3 1/4" frame depth
7. Double-walled, contoured pull rail for strength and ease of use



Die Cast Lock and Closed Back Keeper



Recessed Tilt Latches



Night Latches



Instant Locking Pivot Shoe



Multi-Chambered Frame and Sash



Fusion-Welded Corners on Frame and Sash

Double Lift Out Slider

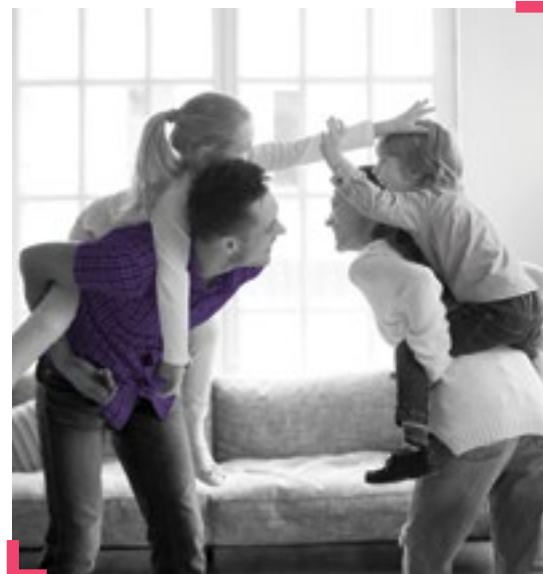


What are Double Lift Out Slider Windows?

Double Lift Out Slider windows lift out for easy cleaning inside the home with both sashes tilting inwards.

KEY FEATURES

1. Frame and sash are multi-chambered for strength and insulation
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard
3. Die cast lock and closed back keeper offer supreme strength at interlocking point
4. Triple-seal weather-stripping design for protection against air and water penetration
5. Operable sashes designed to lift out for easy cleaning (Double Lift Out both sashes, Single Lift Out interior sash only)
6. 3 1/4" frame depth
7. Double-walled, contoured pull rail top for strength and ease of use
8. Common exterior design for unified exterior look
9. Nylon rollers with brass ball bearing axle



Die Cast Lock and Closed Back Keeper



Recessed Tilt Latches



Night Latches

Single Lift Out Slider



What are Single Lift Out Slider Windows?

Single Lift Out Slider windows lift out for easy cleaning inside the home with one sash tilting inwards.

KEY FEATURES

1. Frame and sash are multi-chambered for strength and insulation
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard
3. Die cast lock and closed back keeper offer supreme strength at interlocking point
4. Triple-seal weather-stripping design for protection against air and water penetration
5. Operable sashes designed to lift out for easy cleaning (Double Lift Out both sashes, Single Lift Out interior sash only)
6. 3 1/4" frame depth
7. Double-walled, contoured pull rail top for strength and ease of use
8. Common exterior design for unified exterior look
9. Nylon rollers with brass ball bearing axle



Instant Locking Pivot Shoe



Multi-Chambered Frame and Sash



Fusion-Welded Corners on Frame and Sash

Bay Windows



Bow Windows

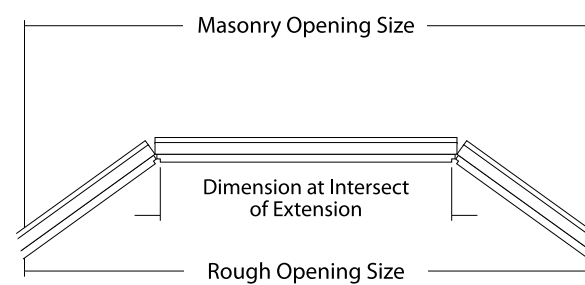


What are Bay Windows?

Bay windows project outwards from the wall offering a grand viewing area. Windows can be transformed into a Sit-Down Bay, by adding a comfortable cushioned sitting area to enjoy the sun.

KEY FEATURES

1. All KV Bay windows are available in custom sizes, options, colours and accessories
2. All KV Bay windows are available in 30, 45, 90 degree standard angles
3. All KV Bay windows can also be manufactured with custom degree angles
4. Optional 1 3/8" triple glazing is available on all KV Bay windows
5. All KV Bay windows can be configured using all styles of KV windows
6. All KV Bay windows come with optional head & seat applications in a variety of different woods

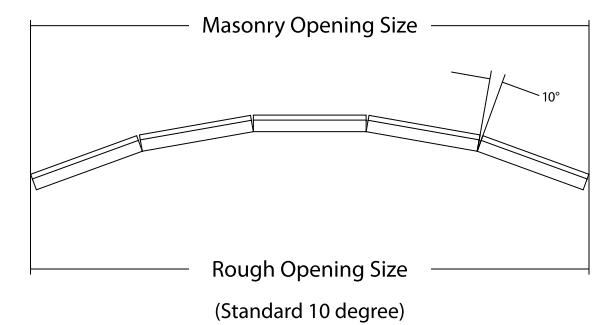


What are Bow Windows?

Bow windows are commonly seen in a series of five, sweeping the outside of a wall. Windows can be stationary, operating or any combination and elevated with a window seat, breakfast nook, or plant ledge.

KEY FEATURES

1. All KV Bow windows are available in custom sizes, options, colours and accessories
2. All KV Bow windows are available in 10 & 15 degree standard angles
3. All KV Bow windows can also be manufactured with custom degree angles
4. Optional 1 3/8" triple glazing is available on all KV Bow windows
5. All KV Bow windows can be configured using all styles of KV windows
6. All KV Bow windows come with optional head & seat applications in a variety of different woods



High Profile Fixed



Low Profile Fixed



What are High Profile Fixed Windows?

High Profile Fixed windows are stationary windows that match the Casement and Awning options.

KEY FEATURES

1. Fusion-welded corners on frame and sash maximize its strength and stability
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard (1 1/8" and 1 3/8" triple glazing optional)
3. Tape glazing system and a co-extruded flexible seal on sash exterior guard against leaks and maximize structural integrity
4. Hidden exterior drainage system eliminates unattractive drain hole covers (not shown)
5. 3 1/4" and 4 5/8" frame depths available
6. Main frame sightlines of the High Profile Fixed match our Casement and Awning Windows

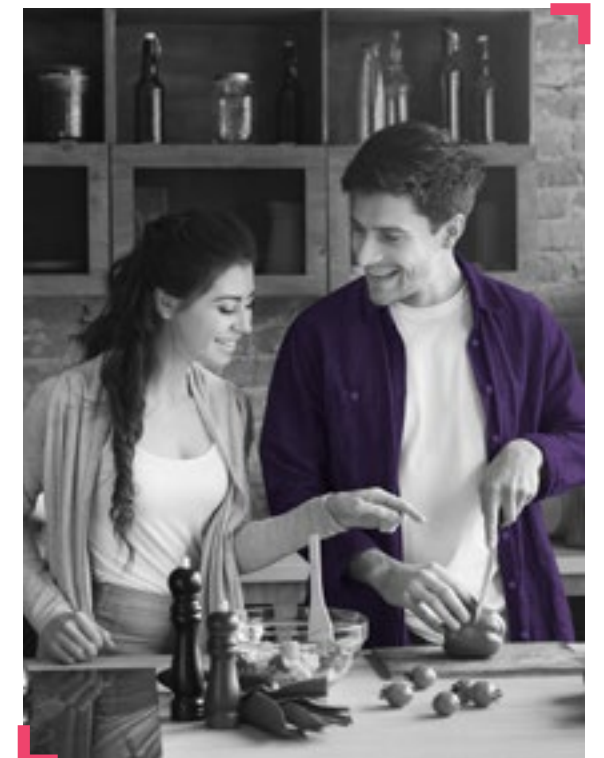


What are Low Profile Fixed Windows?

Low Profile Fixed windows are windows with a narrower frame.

KEY FEATURES

1. Fusion-welded corners on frame and sash maximize its strength and stability
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard (1 1/8" and 1 3/8" triple glazing optional)
3. Tape glazing system and a co-extruded flexible seal on sash exterior guard against leaks and maximize structural integrity
4. Hidden exterior drainage system eliminates unattractive drain hole covers (not shown)
5. 3 1/4" and 4 5/8" frame depths available
6. Main frame sightlines of the Low Profile Fixed increase glass area to bring in more natural light



Hung Slider Fixed



Basement Windows



What are Hung Slider Fixed Windows?

Hung Slider Fixed windows are sliding windows that match all horizontal and vertical sliders.

KEY FEATURES

1. Fusion-welded corners on frame and sash maximize its strength and stability
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard (1 1/8" and 1 3/8" triple glazing optional)
3. Tape glazing system and a co-extruded flexible seal on sash exterior guard against leaks and maximize structural integrity
4. Hidden exterior drainage system eliminates unattractive drain hole covers (not shown)
5. 3 1/4" frame depth
6. Main frame sightlines of the Hung Slider Fixed match all KV vertical and horizontal sliders



What are Basement Windows?

Basement windows are custom designed to accommodate any opening. A combination of custom options, accessories and colours work together to create the best window for you.

KEY FEATURES

1. Frame and sash are multi-chambered for strength and insulation
2. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard
3. Die cast lock and closed back keeper offer supreme strength at interlocking point
4. Triple-seal weather-stripping design for protection against air and water penetration
5. 3 1/4" frame depth
6. Operable sashes designed to lift out for easy cleaning



High quality premium styles.

Our Specialty Windows Collection feature high quality designs that are customized to suit your beautiful home.

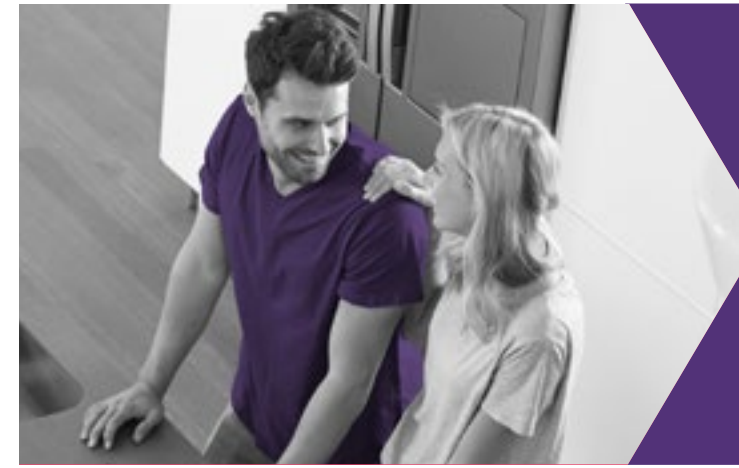


Specialty Windows Collections

Architectural Shaped Windows



Northern Wood Collection



What are Architectural Shaped Windows?

Architectural Shaped windows are custom shaped windows that can take on a variety of shapes and angles to elevate your home to distinction.

KEY FEATURES

1. All KV Architectural Shaped windows are available in custom sizes, options, colours and accessories
2. Fusion-welded corners on frame and sash maximize its strength and stability
3. Premium White "S" Class Super Spacer® and full 7/8" Insulating Glass with Low E and Argon standard (1 1/8" and 1 3/8" triple glazing optional)
4. Tape glazing system and a co-extruded flexible seal on sash exterior guard against leaks and maximize structural integrity
5. Concealed exterior drainage
6. 3 1/4" and 4 5/8" frame depths available
7. All shaped windows can be custom made using High or Low Profile Fixed windows to create the look you desire



What are Northern Wood Collection Windows?

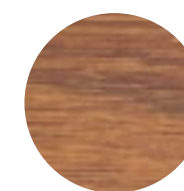
The Northern Wood Collection provides a sense of authenticity to your home. Offering real wood that can be finished in pine or oak, the Northern Wood Collection come in Casement, Awning, High Profile and Low Profile Picture Windows. All windows can be customized with various options such as exterior colours, interior wood jamb extensions and matching wood grills to the interior.

Enjoy a high quality maintenance-free vinyl window with curb appeal for the outside while showcasing the beauty and warmth of wood on the inside of your home.

Available Interior Finishes



PINE



OAK



Due to the printing process, colours may vary slightly on finished product.

Grill Options

The options are endless.

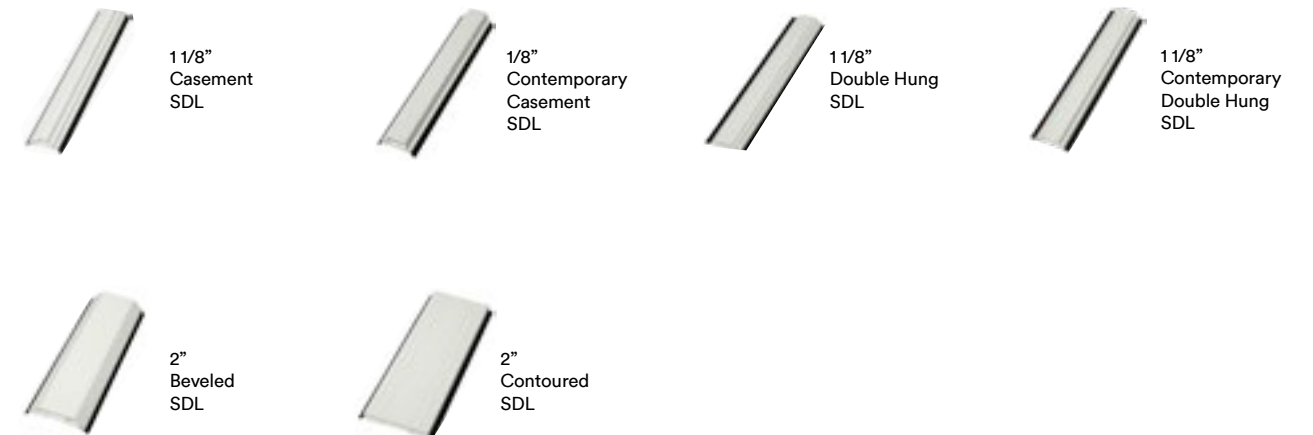
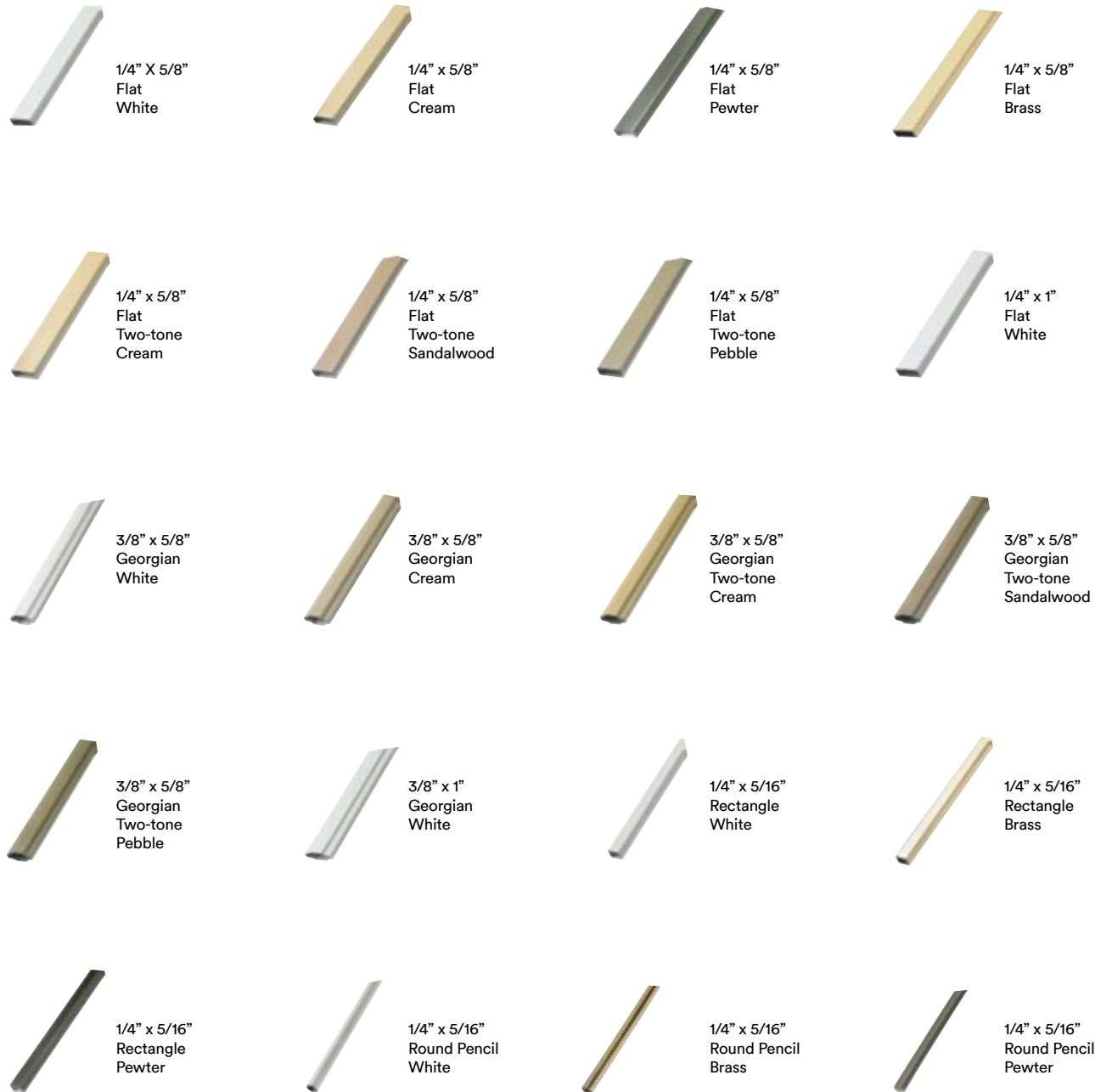


The Internal Grill & Simulated Divided Lites are timeless designs on a window using horizontal and vertical bars that separate the window into panes. In addition to having the largest selection of grills, KV Custom Windows & Doors can also create a customized grill pattern to perfectly fit your home.

Internal Grills & Simulated Divided Lites

Our stylish internal grills, available in different grill types, colours and patterns, are a great way to help bring your window designs to life. Inserted into glass panes at the time of window manufacture, they don't get in the way of cleaning the glass.

Simulated divided lites add a unique look to a home while ensuring modern energy efficiency and performance. A simulated divided lite is when a window has grills attached to the inside and outside of the glass.



Stylish additions for your home.

Our KV Custom Windows come with various options
and accessories to add the perfect detail to your home.

03

Window Options & Accessories

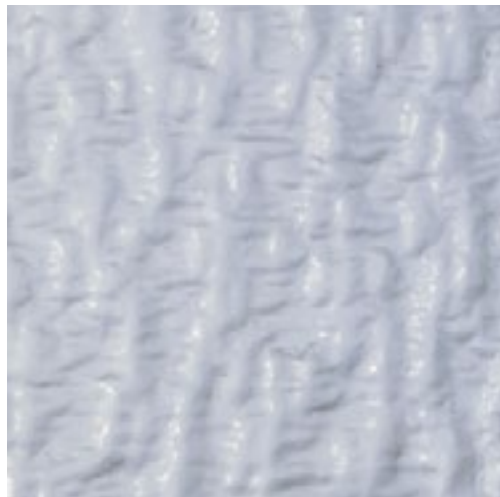




Pinhead



Glue Chip

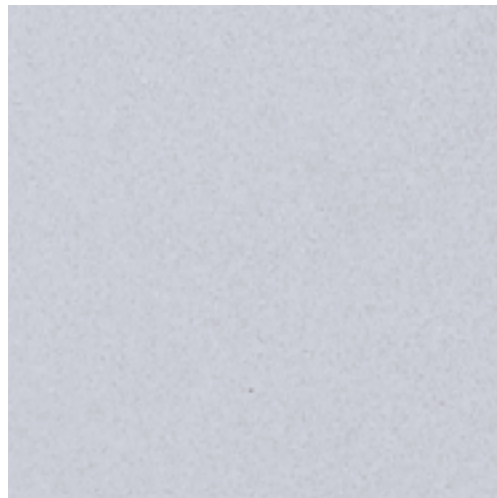


Granite

Add flair to your windows.

Add flair to your windows with our collection of glass finishes. With eye catching patterns, accents and colours, you can find the right combination to flaunt your personality.

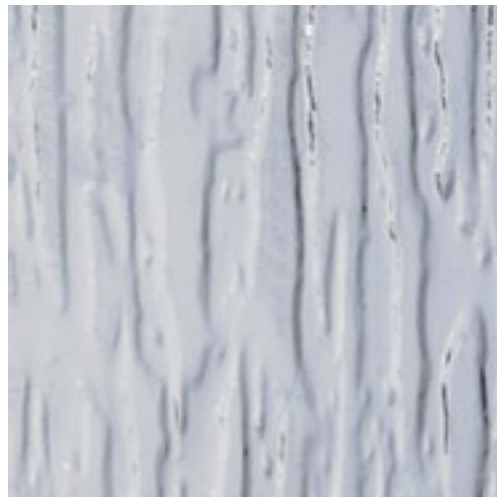
▶ Please see your local KV dealer for full range of privacy options.



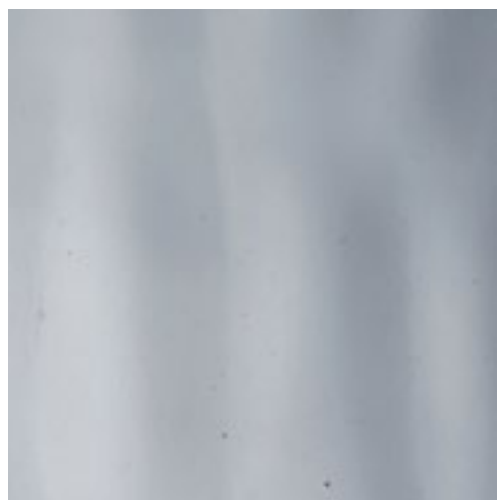
Acid Etch



Clear Chinchillah



Niagara



Clear Water

Exterior Accessories



Decorative Brickmolds

These exterior accessories will add even more beauty, value and efficiency to an already outstanding window.



1/4" Flush



3/4" Sub-sill



7/8" Standard



1 1/4" Standard



1 1/4" Siding



1 1/4" Contoured



2" Stepped



2 1/2" Siding



3 1/2" Contoured



3 1/2" Stepped



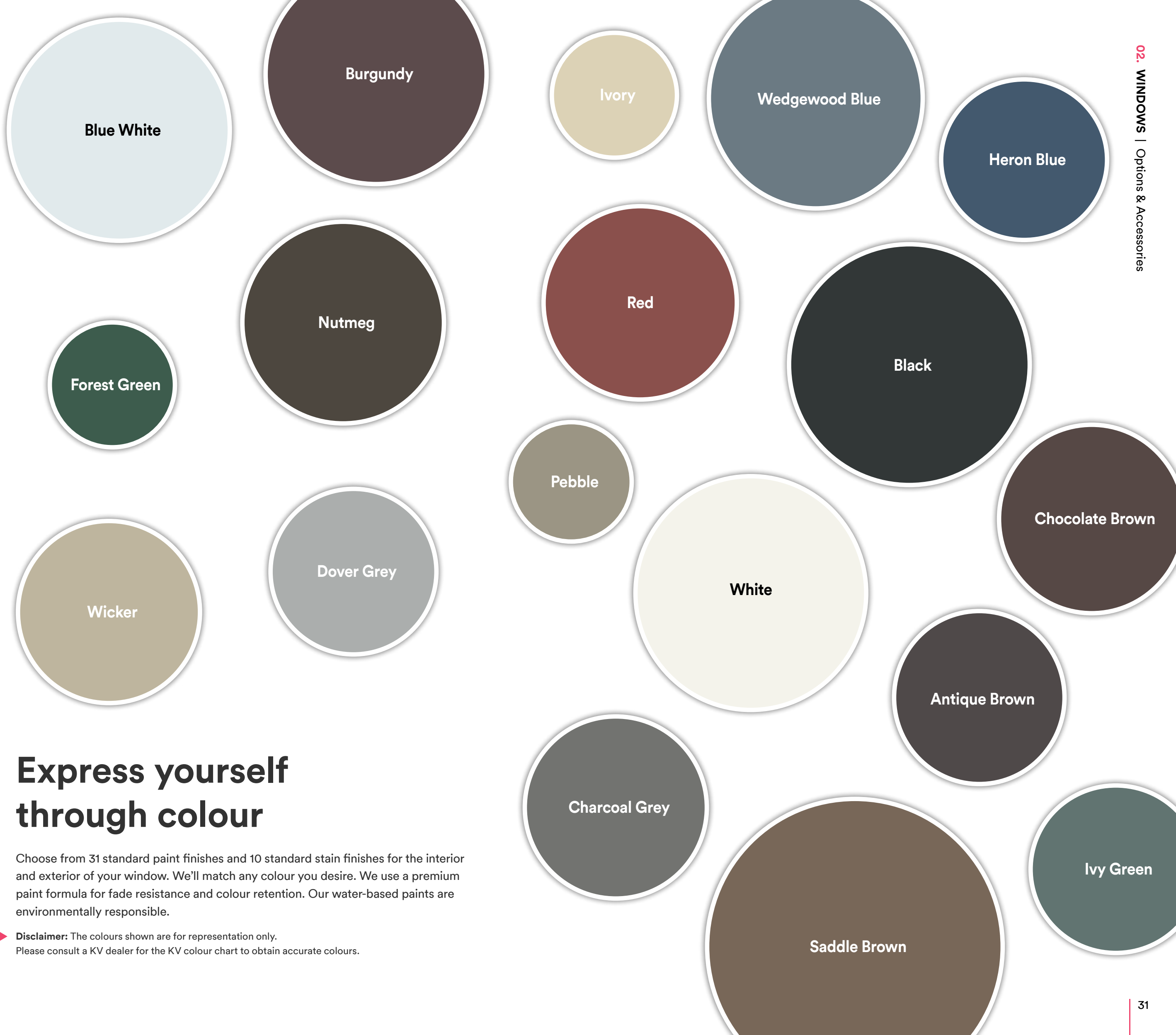
Flush Nailing Fin



1 1/8" Set Back Nailing Fin

▶ For our complete line of exterior accessories please contact your local KV Dealer.

Custom Colour



Express yourself through colour

Choose from 31 standard paint finishes and 10 standard stain finishes for the interior and exterior of your window. We'll match any colour you desire. We use a premium paint formula for fade resistance and colour retention. Our water-based paints are environmentally responsible.

▶ **Disclaimer:** The colours shown are for representation only. Please consult a KV dealer for the KV colour chart to obtain accurate colours.

Technology

More than just a great view.



Thermal Insulation

Protection from outside temperatures.

Low E Coating is an applied metallic coating that provides added protection against harmful UV rays and keeps your home insulated against energy loss during all seasons. The layers of transparent silver allow the glass to reject the sun's heat in the summer and reflect furnace heat back into your home in the winter.

Argon Gas is an inert, low moving gas that gives the best thermal performance possible. Replacing the air between the panes of a glass unit with Argon Gas, heat loss is prevented.

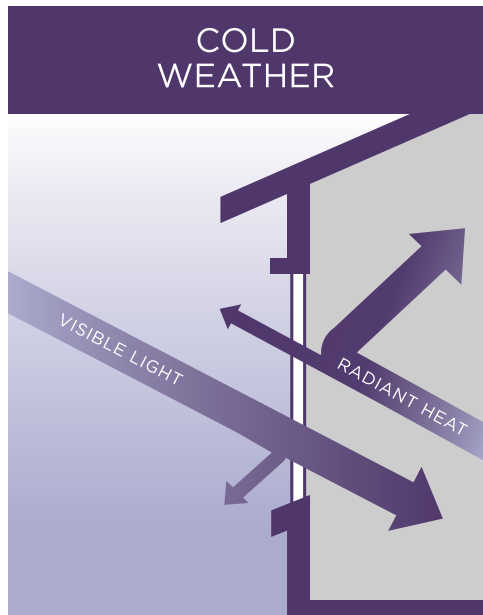
Low E and Argon Gas are standard on all KV Windows, Entrance Doors, and Patio Doors, creating the most balanced energy performance for both winter heatings and summer cooling.

Cold Weather

Radiant heat is kept inside your home during winter.

Warm Weather

UV is reflected back out in the summer.



KV Lifetime Warranty

So you can relax.

KV Custom Windows & Doors takes pride in offering our customers an industry leading "Limited Lifetime Fully Transferrable" warranty. We give every Window, Entrance Door, and Patio Door our undivided attention and warrant that our products will be free of any material or manufacturing defects. We offer our Lifetime Warranty on solid PVC white and cream colours against blistering, peeling, flaking, cracking or fading. Windows and doors with exterior paint have a 15-year warranty.



KV Custom Windows & Doors proudly offer beautifully designed products with state-of-the-art technology, providing your home with the pinnacle of energy, security and longevity.

The Energy Star Program

Energy efficiency at its best.

The Energy Star Program helps homeowners make educated choices when purchasing new windows and doors. KV Custom Windows & Doors complies with all of Canada's four regions and offers maximum insulation during the coldest winters, hottest summers, and every day in between. Our products meet the Energy Star Program guidelines for helping businesses and individuals protect the environment through the superior energy efficiency.



Protecting the Environment

Making a positive impact on the planet.

At KV Custom Windows & Doors, we are proactive in controlling waste by recycling all unused raw materials in our manufacturing processes, including PVC, steel, fiberglass, glass, paper and cardboard. We also partner with Royal Plastics & Guardian Glass to design new products that help reduce in-home energy costs.



Condensation

Minimize moisture.

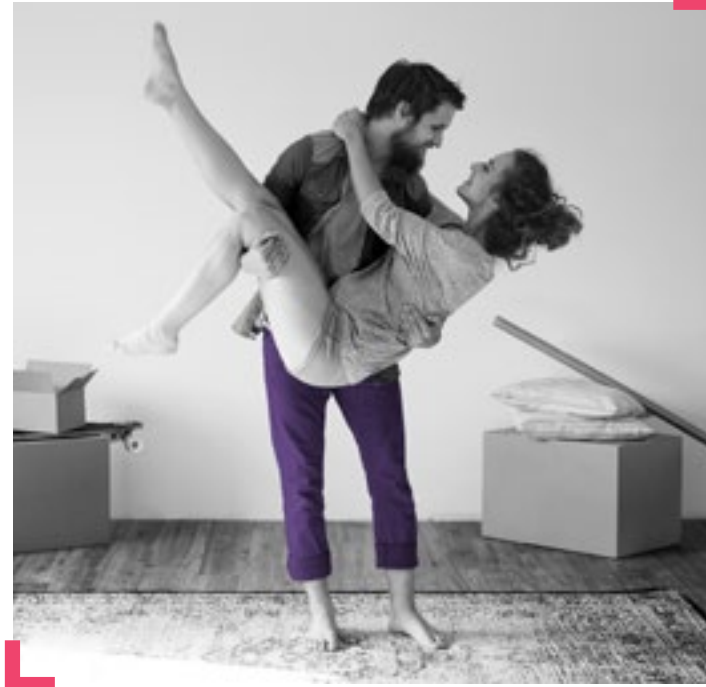


KV Custom Windows & Doors values being innovative and are always searching for solutions to make life easier for customers. KV Custom Windows & Doors provide customers with industry leading products that reduce the amount of maintenance required in their home.

What is Condensation?

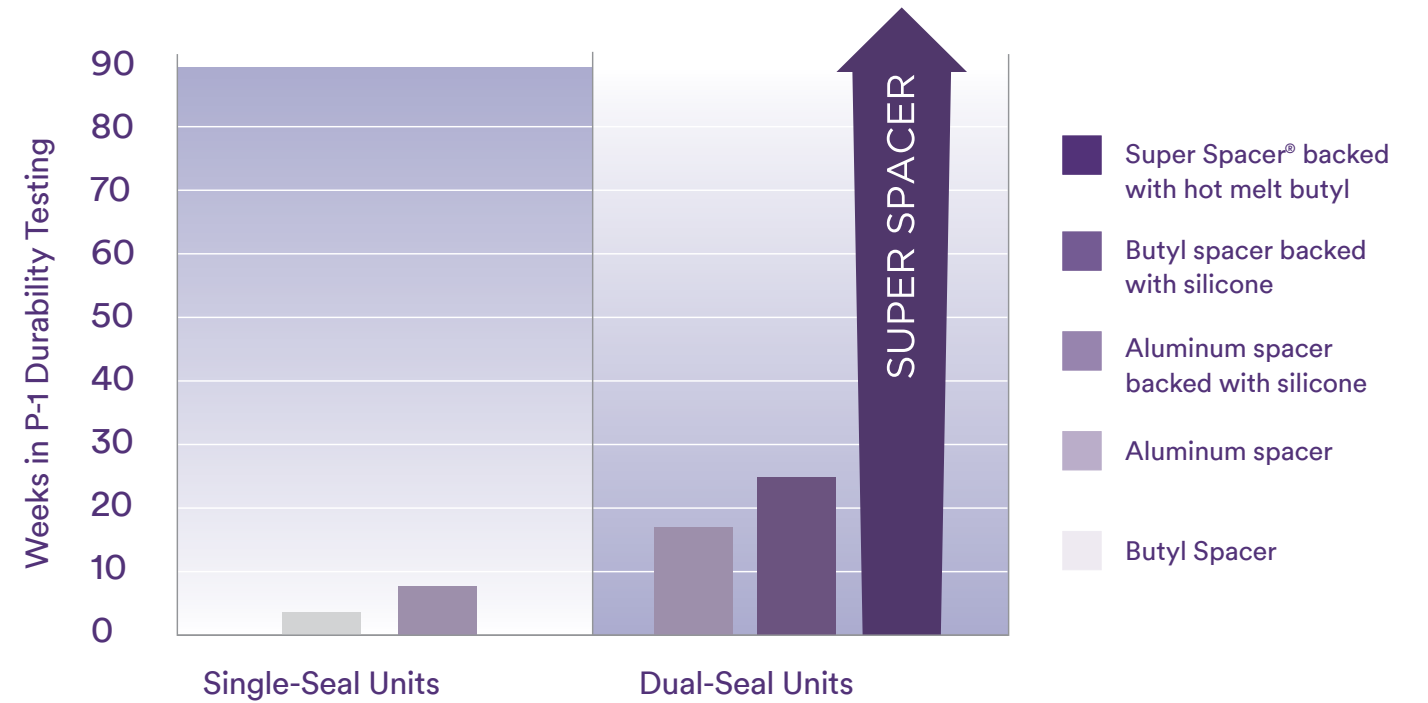
Condensation is the formation of moisture that appears on the inside surface of a window or glass doorlite. It often occurs in winter when the warm air inside the house is higher than colder temperature outside. The higher the moisture levels in the air inside the house, or the colder the temperatures outside, the heavier the condensation.

Condensation occurs first around the edge of the glass unit, where surface temperature are coldest. If a standard "aluminum" spacer exists, condensation will form on the glass edge when temperatures fall, even if there is minimal humidity indoors.



Strength Classification

The Super Spacer® has been tested using the toughest durability test, the P-1 chamber. Tests are done on a weekly basis, consisting of bombarding KV Custom Windows & Doors products with humidity and UV exposure.



White "S" Class Super Spacer®

All KV Custom Windows & Doors insulated glass units come standard with the industry leading warm edge spacer system, the White "S" Class Super Spacer®. The patented Super Spacer® is the only non-metal spacer manufactured out of 100 percent polymer foam offering performance qualities greater than any other spacer system. Super Spacer® is placed around the edges of the glass unit, reducing the occurrence of condensation.

Let's talk

We welcome the opportunity to provide you with more information about the benefits of the White "S" Class Super Spacer®, and how it minimizes the occurrence of condensation in your glass units today, tomorrow and for the life of your KV Windows & Doors. Please contact your local KV dealer to better understand your insulated glass unit options.





**KV Custom
Windows + Doors**

PVC | Wood | Steel | Fibreglass



NAFS CERTIFIED
NORTH AMERICAN FENESTRATION STANDARD

IGMA
Industry Certified
Sealed Glass Units!

40 Graniteridge Road, Unit 2 Vaughan, ON L4K 5M8 Canada
T 1.855.661.3667 F 1.855.661.3662 kvcustomwd.com