



**KV Custom
Windows + Doors**



**Patio
Doors**



PVC Wood Steel Fibreglass





A great window, door or patio door begins with experience, knowledge and most of all, passion.

Our team is passionate about artistry and craftsmanship. Every member not only has this passion, but is backed by years of experience.

Our job doesn't feel like work, because we do what we love – build beautiful windows and doors. No two are the same. Each has the personality and design requirements of the home it's being installed in, varying in design, colour and detail. And that's why our work is so close to our heart.

Choose KV Custom Windows + Doors for a design that will complement the architectural feel of your home and your personal style.

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Slide your way to the outdoors.

Our Patio Door Collections are developed with cutting edge technology and manufacturing to ensure outstanding reliability. Patio Doors are not just a door but a seamless transition between the inside of your home to the beauty of the outside. At KV Custom Windows + Doors we design and build the Patio Door of your dreams. With the widest range of sizes, colours, options & accessories in the industry, we are sure we can help you create the seamless transition your home needs.

01

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PD

Patio Door Collections



Imperial Patio Door

PDD01



Key Features

1. All vinyl 5 7/8" mechanical frame with steel reinforced welded Euro style sash
2. Premium Black "S" Class Super Spacer® and full 1" or 1 3/8" insulated tempered glass complete with Double Low E and Argon
3. KV White 136 standard
4. Triple sealed with 2 additional seals on frame and sash for optimal performance
5. Standard twin-point lock and Patented Security Kicklock
6. Traditional decorative handle in white, cream or black is standard. Optional contemporary hardware (shown). See page 19 for Hardware options.
7. Extruded wide rail screen with mortise lock and keeper

Patented Security Kicklock



Full Anodized Aluminum Threshold



Twin-Point Lock



All Metal Precision Wheels



What are Imperial Patio Doors?

KV Imperial Patio Doors are designed to brighten up your living space. Imperial Patio Doors come in 2, 3 or 4 large glass panels that are either fixed or operating.

The 2 panel has one operating panel, the 3 panel has one or two operating panels and the 4 panel has two operating panels.

Design and customize your KV Imperial Patio Door with an unlimited range of colours, options & accessories to suit your home.

Imperial Patio Door with Mini Blinds

PDD02



Key Features

1. All vinyl 5 7/8" mechanical frame with steel reinforced welded Euro style sash
2. Premium Warm Edge Spacer® and full 1" insulated tempered glass complete with Low E
3. KV White 136 standard
4. Triple sealed with 2 additional seals on frame and sash for optimal performance
5. Standard twin-point lock and Patented Security Kicklock
6. Traditional decorative handle in white, cream or black is standard. Optional contemporary hardware (shown). See page 19 for Hardware options.
7. Extruded wide rail screen with mortise lock and keeper

Patented Security Kicklock



Full Anodized Aluminum Threshold



Twin-Point Lock



What are Imperial Patio Doors with Mini Blinds?

An Imperial Patio Door with Mini Blinds is a patio door that allows you to control the amount of privacy and sunlight you want in your home.

With mini blinds on all panes, they come with the standard raise, lower and tilt features.

Mini Blinds



All Metal Precision Wheels





Transom

The KV Imperial Patio Door Transom extends the height of any KV Imperial Patio Door. The low profile main frame sightlines reduce the visibility of the frame and increase the visibility of the glass to allow more sunlight into your home.



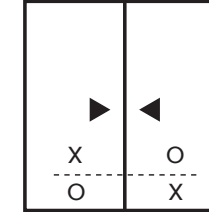
Sidelite

The KV Imperial Patio Door Sidelite extends the width of any KV Imperial Patio Door. The main frame and sash sightlines combine to replicate the look of the Patio Door panels, creating a seamless transition between the Patio Door and Sidelites.

Imperial Patio Door Sizing Chart

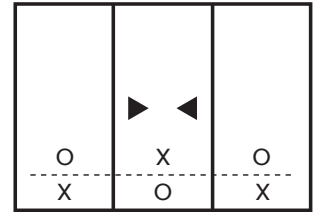
2 Panel Operation: X - Operating O - Fixed

Width"	X	Available Heights"		
58.5	x	79.5		
59.5	x	79.5	81.5	95.5
70.5	x	79.5		
71.5	x	79.5	81.5	95.5
83.5	x	79.5	81.5	95.5
95.5	x	79.5	81.5	95.5
107.5	x	79.5	81.5	95.5



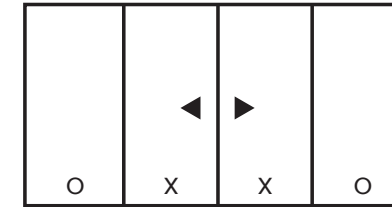
3 Panel Operation: X - Operating O - Fixed

Width"	X	Available Heights"		
107.375	x	79.5	81.5	95.5
143.375	x	79.5	81.5	95.5
104.375	x	79.5	81.5	95.5
140.375	x	79.5	81.5	95.5



4 Panel Operation: X - Operating O - Fixed

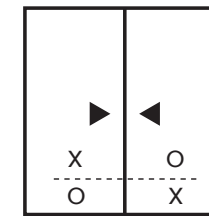
Width"	X	Available Heights"		
117.625	x	79.5	81.5	95.5
141.625	x	79.5	81.5	95.5
189.625	x	79.5	81.5	95.5



Imperial Patio Door with Mini Blinds Sizing Chart

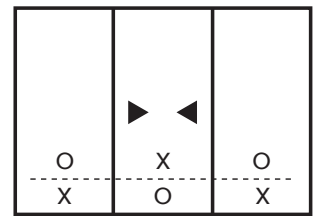
2 Panel Operation: X - Operating O - Fixed

Width"	X	Available Heights"	
58.5	x	79.5	
59.5	x	79.5	81.5
70.5	x	79.5	
71.5	x	79.5	81.5



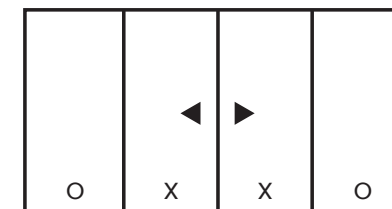
3 Panel Operation: X - Operating O - Fixed

Width"	X	Available Heights"	
107.375	x	79.5	81.5
104.375	x	79.5	81.5



4 Panel Operation: X - Operating O - Fixed

Width"	X	Available Heights"	
117.625	x	79.5	81.5
141.625	x	79.5	81.5



▶ Please visit your local KV Dealer for custom size options with and without blinds.

Stylish additions to your home.

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



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Patio Door Options & Accessories



Decorative Brickmolds

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

1/4" Flush



2" Stepped



7/8" Standard



2 1/2" Siding



1 1/4" Standard



3 1/2" Stepped



1 1/4" Siding



3 1/2" Contoured



1 1/4" Contoured



Nailing Fins

A Nail Fin is installed on the exterior side of the Patio Door.

1 1/8" Set Back



Flush

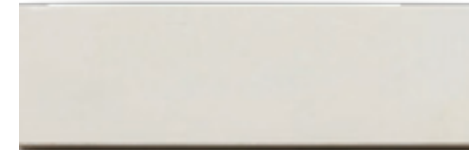


► For our complete list of exterior accessories, please contact your local KV Dealer.

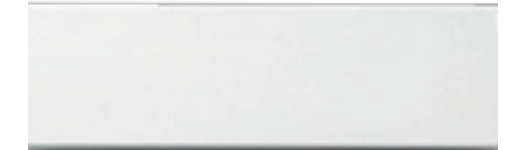
Jamb Extensions

Jamb extensions allow the Patio Door to fit perfectly within the opening. KV Custom Windows + Doors has a variety of jamb extensions to fit your style and functional needs. With the widest range of depths available in the industry, KV can customize any jamb depth you require.

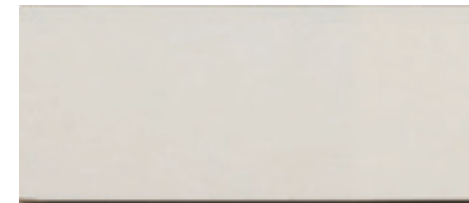
2 3/8" FJP Primed



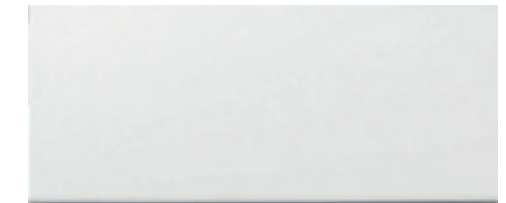
2 3/8" Vinyl Wrapped



3 3/8" FJP Primed



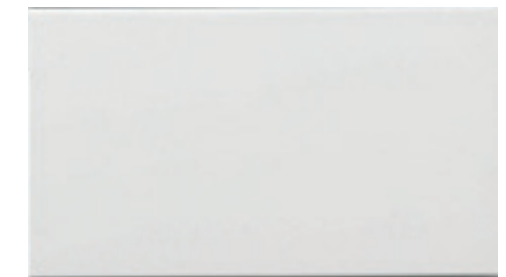
3 3/8" Vinyl Wrapped



4 9/16" FJP Primed



4 9/16" Vinyl Wrapped



7 1/2" FJP Primed



7 1/2" Vinyl Wrapped



► Talk to your local KV Dealer about paint options to match your Patio Door colour.

Foam Jamb Extension

Our 6" PVC Foam jamb extension is designed to accommodate any area with high moisture or the requirement of a shape. Our foam extension can be cut to size to accommodate any depth from 1" to 6".

► Talk to your local KV Dealer about paint options to match your Patio Door colour.

6" PVC Foam



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 Patio Door design to life. Inserted between glass panes, they don't get in the way of cleaning the glass.

Flat 1/4" x 5/8"



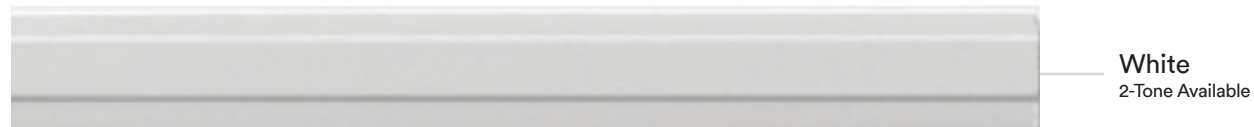
Flat 1/4" x 1"



Georgian 3/8" x 3/4"



Georgian 3/8" x 1"



Rectangle 1/4" x 5/16"



Pencil 1/4" x 5/16"



Simulated Divided Lite

A simulated divided lite is when a Patio Door has grills attached to the inside and outside of the glass. Talk to your local KV Dealer about paint options to match your door colour.

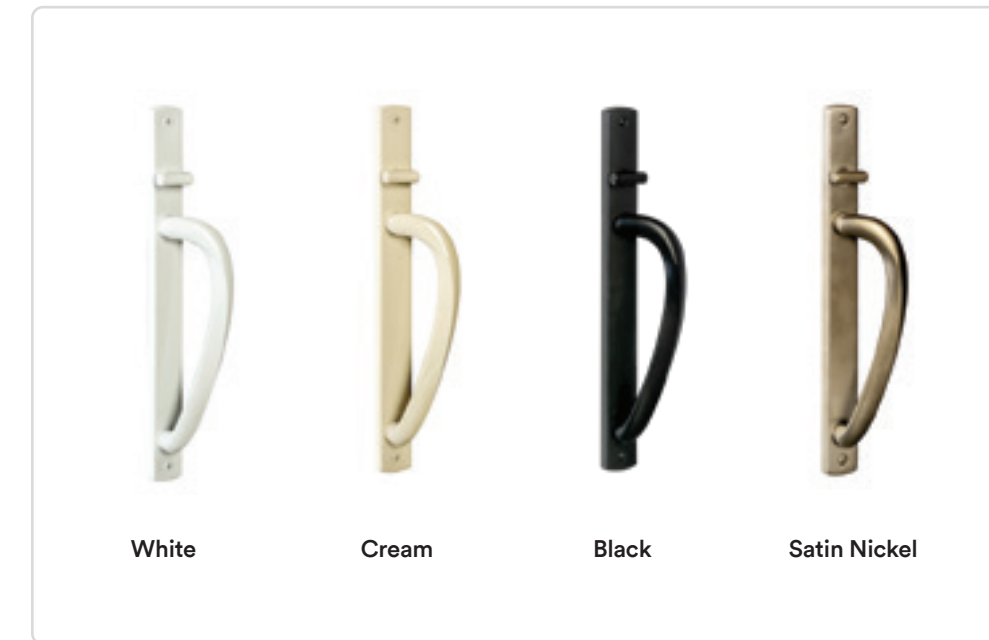
1 1/8" Beveled SDL Patio Doors



Hardware

Traditional Hardware

Our traditional handles have a curved, smooth handle bringing a classic distinction and sophistication to your home.



Contemporary Handles

Our contemporary handles are sleek, modern, and come in various finishes that will enhance the appearance of your home.



Multi-Point Lock System

For maximum security, KV offers a Multi-Point lock system that activates automatically by simply closing the door.

The upper and lower latches instantly engage and become 2 additional lock points. The door is locked when you simply turn the thumb latch or key, engaging the central lock points.

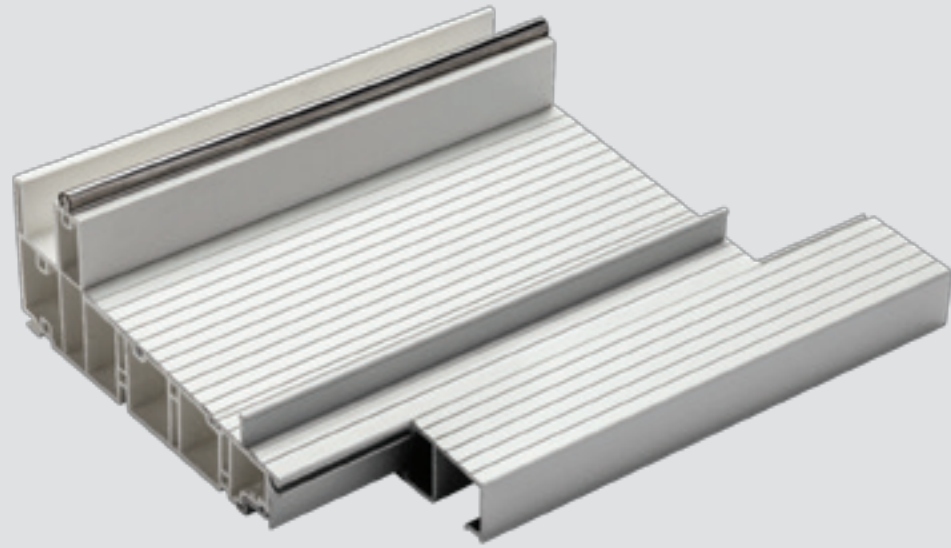


Sills & Sill Extensions

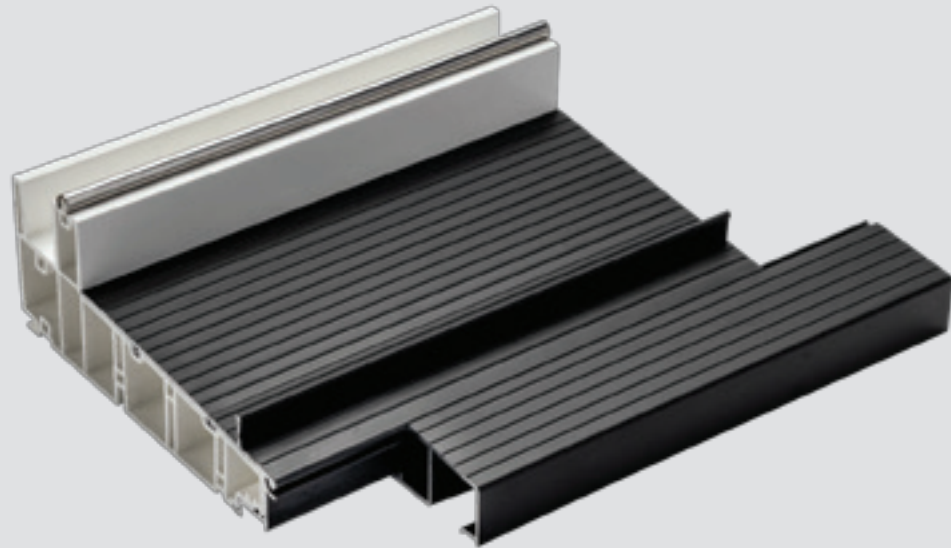
Patio Door Sills and Sill Extensions

Add the final touches to your Patio Door by pairing a sill extension that matches the Patio Door sill. Our sill extensions are available in all Patio Door sill finishes.

Clear Anodized



Black

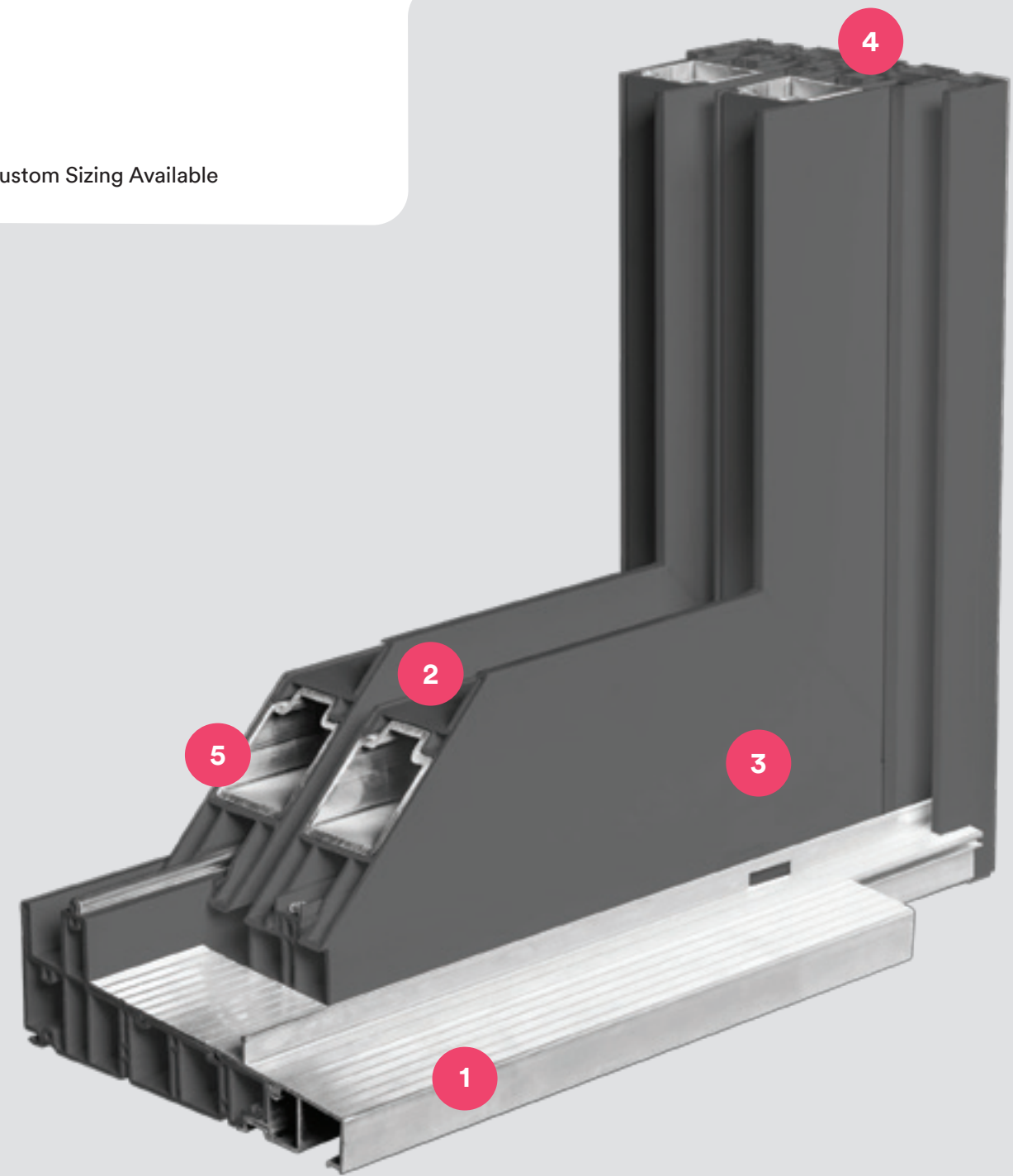


▶ Please visit your local KV Dealer to have a closer look at the finish options.

Anatomy

1. KV Imperial Patio Doors 1 3/4" Sill Extension
2. Custom glazing pocket designed to accept double glazed 1" overall sealed units or triple glazed 1 3/8" overall sealed units
3. Welded sash for structural integrity
4. Multi-chambered frame and sash to enhance strength, stability and overall thermal performance
5. Full perimeter steel reinforcement in all operating and fixed sash

▶ Custom Sizing Available



KV | COLOURS

Express yourself through colour

Choose from 38 Standard Paint Finishes for the interior and exterior of your door. We will match any paint colour you desire. We use a premium paint formula for fade resistance and colour retention. Our water-based paints are environmentally responsible.



KV | COLOURS

Patio Door Options & Accessories

Refer to the KV Colour Chart for all KV Standard Colours & Custom Colour Options.



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

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

Thermal Insulation

Protection from outside temperatures.

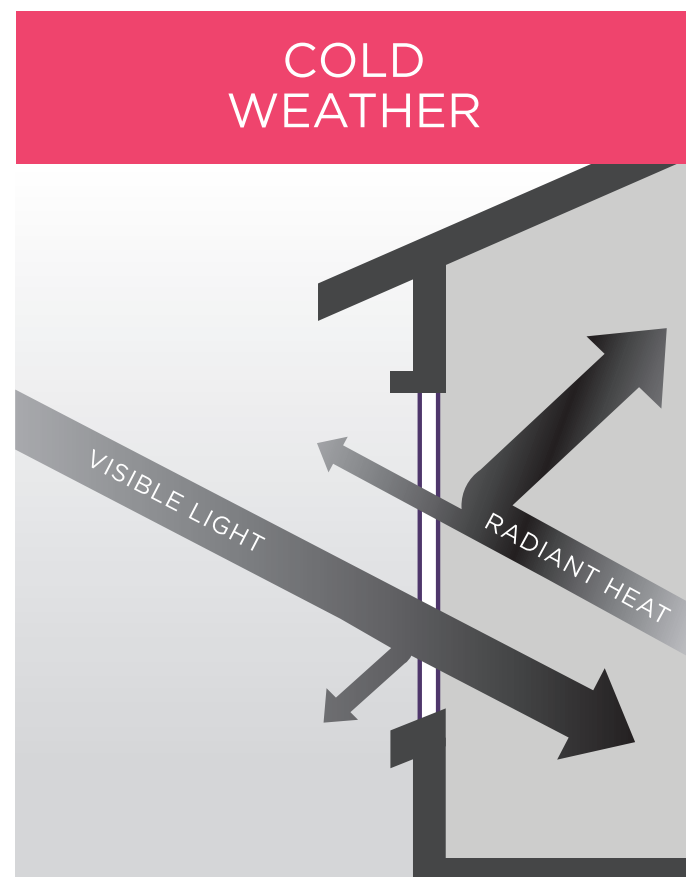
Low E Coating is an applied metallic coating that provides added protection against harmful UV rays and keeps your home insulated against energy loss during all seasons. The layers of transparent silver allow the glass to reject the sun's heat in the summer and reflect furnace heat back into your home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

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

Low E coatings 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.

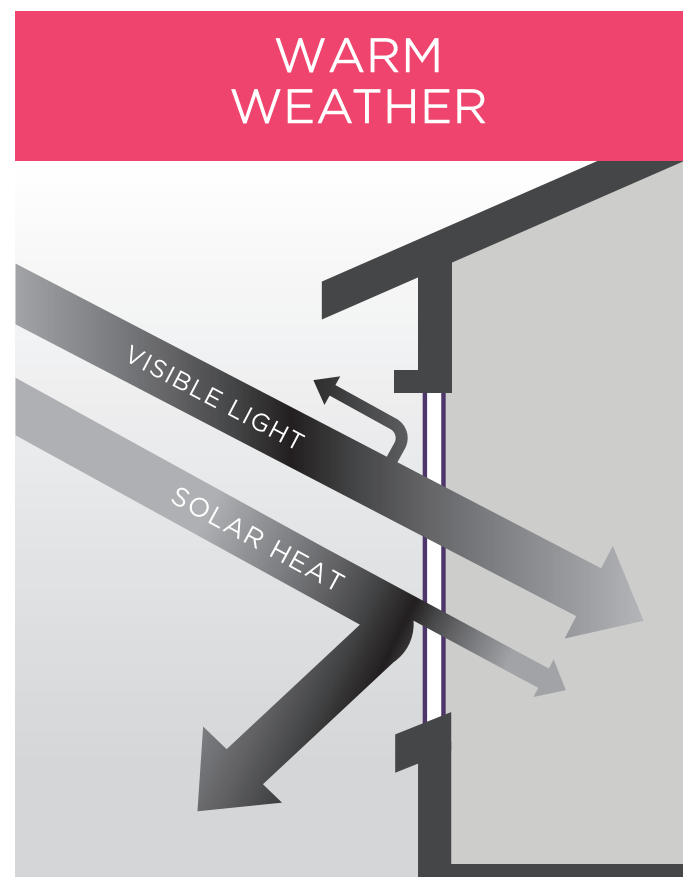
Cold Weather

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.

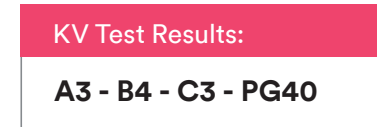


See your local KV Dealer for full details of the KV Warranty or to obtain a copy of the KV Warranty Certificate.

The Energy Star Program

Energy efficiency at its best.

The Energy Star Program helps homeowners make educated choices when purchasing a new Window, Patio Door or Entrance Door doorlite. KV Custom Windows + Doors meets or exceeds in 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, fibreglass, glass, paper and cardboard. We also partner with Vision Extrusion & Cardinal to design new products that help reduce in-home energy costs.



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

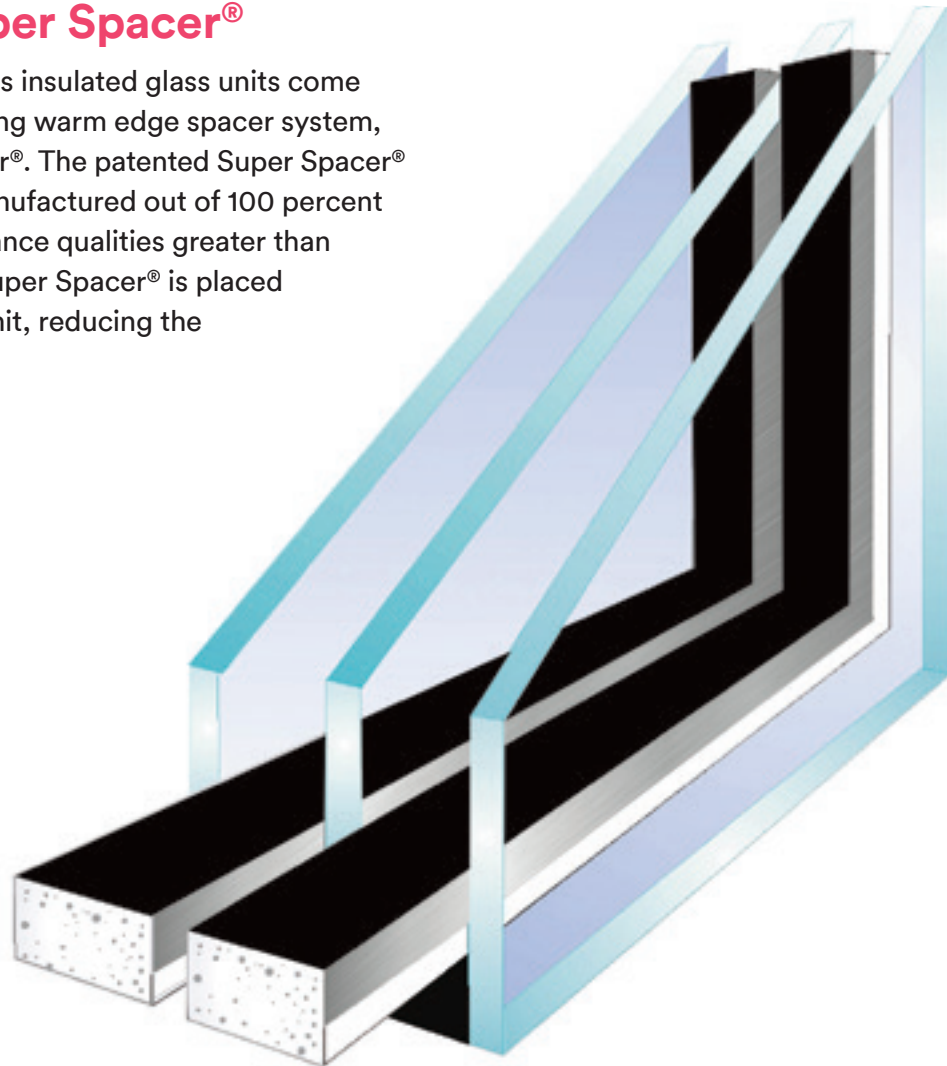
What is Condensation?

Condensation is the formation of moisture that appears on the inside surface of a Window, Patio Door or Entrance Door. It often occurs in winter when the warm air inside the house is a higher temperature than the colder air 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.

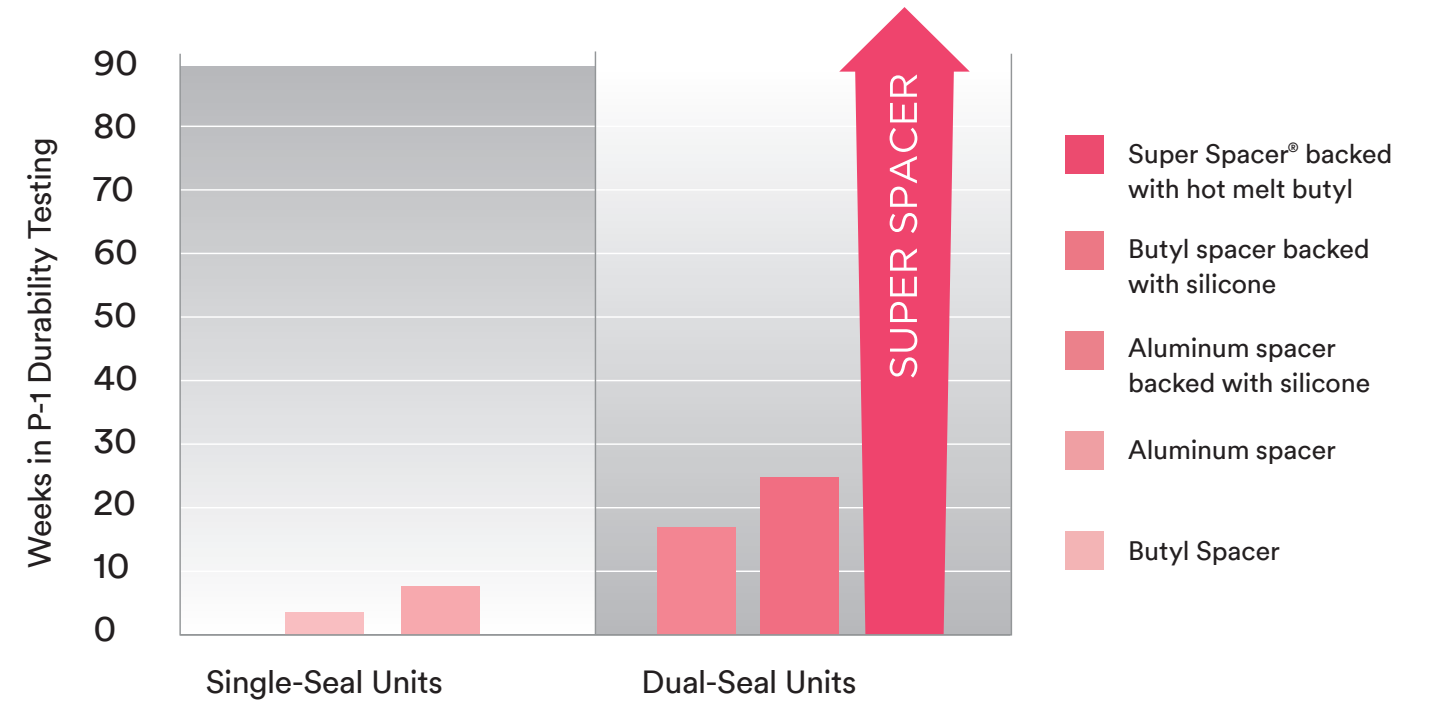
Black "S" Class Super Spacer®

All KV Custom Windows + Doors insulated glass units come standard with the industry leading warm edge spacer system, the Black "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. The Super Spacer® is placed around the edges of the glass unit, reducing the occurrence of condensation.



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's windows and doors with humidity and UV exposure.



Let's talk

We welcome the opportunity to provide you with more information about the benefits of the Black "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 and doors.

Please contact your local KV Dealer to better understand your insulated glass options.



kvcustomwd.com



**KV Custom
Windows + Doors**



NAFS CERTIFIED
NORTH AMERICAN FENESTRATION STANDARD



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