

INSIGNIA



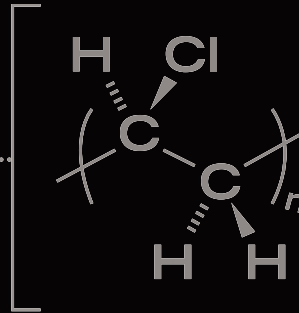
**5x**  
**more efficient**  
than clear insulated  
glass packages

**100%**  
**recyclable**  
**product**

## A GREEN HOME IS A HEALTHIER HOME

The Intercept® Warm-Edge Spacer used in every Insignia Window is more than 16 degrees warmer at the edge of the insulated glass unit, making it 54% more efficient than standard metal spacers. This, in turn, helps to reduce condensation, which can lead to mold and an unhealthy environment.

The reduced maintenance required by Insignia Windows means no painting, staining or stripping – ever. Many paints, stains and stripping agents release volatile organic compounds (VOCs) into the atmosphere, which contribute to atmospheric pollutant levels.



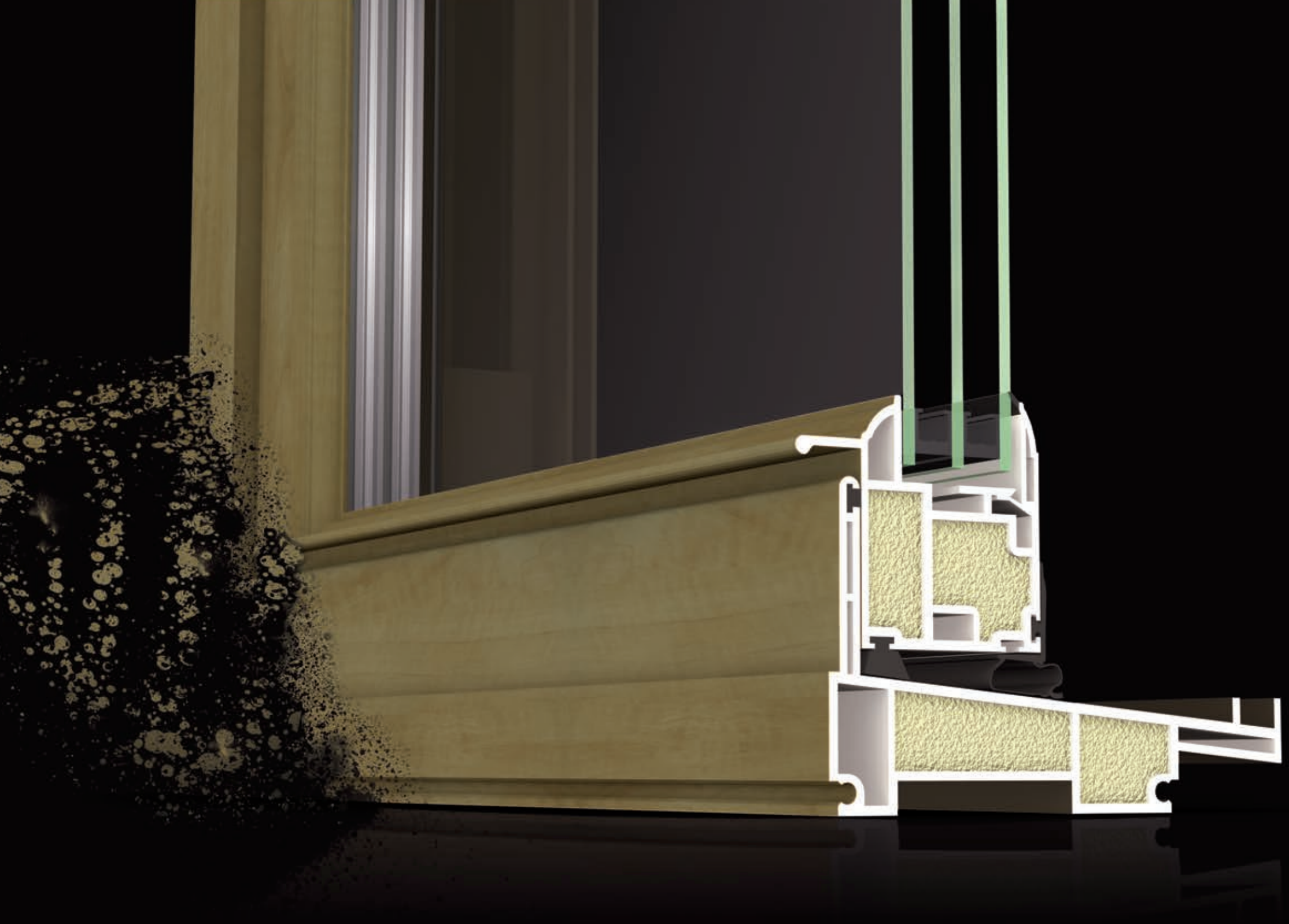
#### uPVC :: Unplasticized Polyvinyl Chloride

It can be shaped to form perfect air-tight seals and relied on to hold a rigid shape. And it can be used in combination with natural materials to create surfaces and materials that are attractive and environmentally friendly. Finally, PVC can be engineered to reduce temperature conductivity, increase insulating benefits and reduce infiltration by the elements — making your home more energy-efficient and reducing your utility costs.

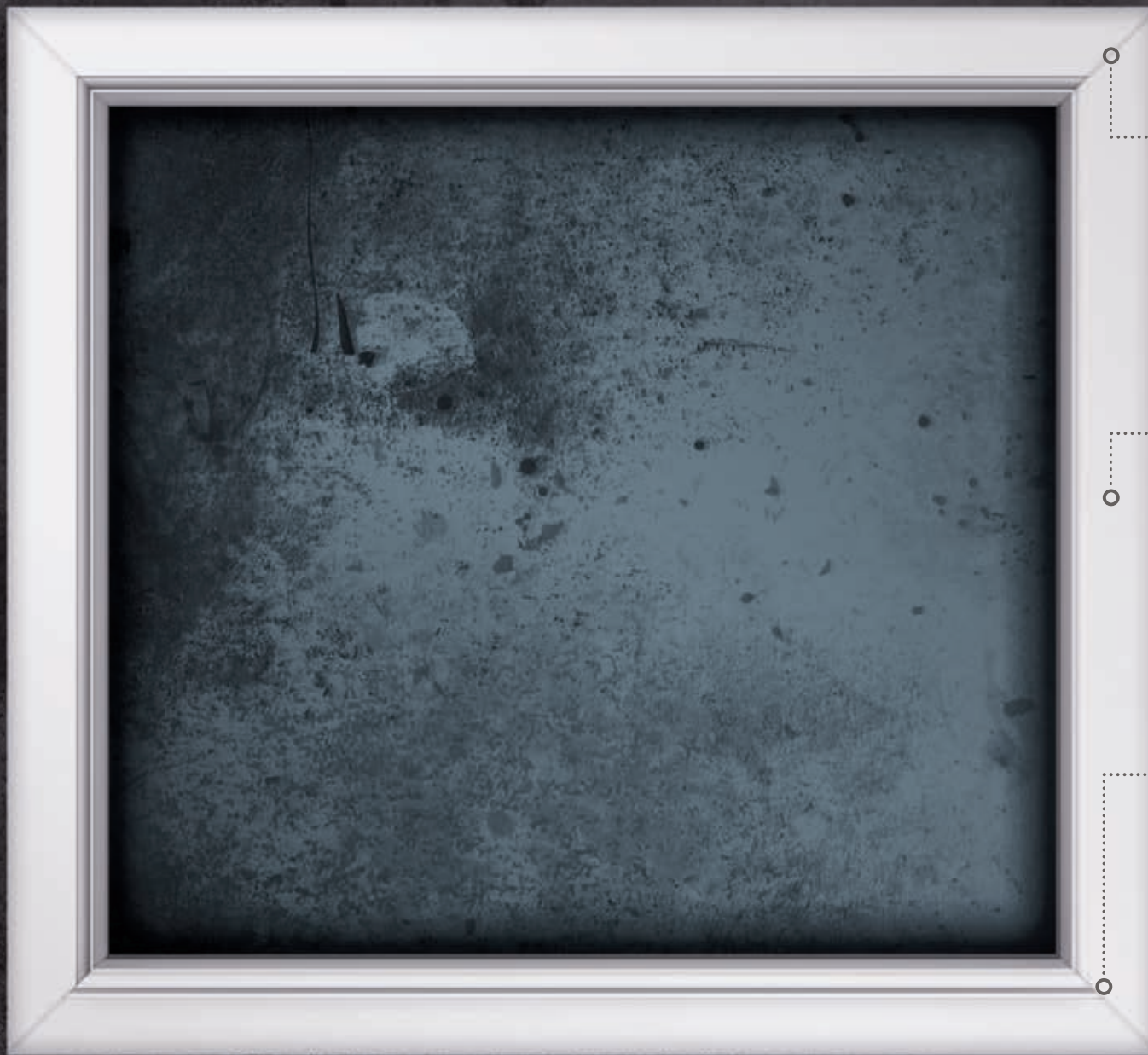
# progressive

Why do we use our own proprietary blend of resin on the Insignia window? The short answer is because our blend, Criterion Resin, is strong stuff that's easy on the environment. The long answer? By replacing the wood in traditional window construction, it saves trees ... It lasts longer, so you won't need to replace your windows any time soon ... It doesn't need to be painted, which means fewer chemicals

released into the environment ... It's easily recycled, so scraps from the manufacturing process can be used in other products ... And, finally, choosing vinyl windows over less energy-efficient window frames saves enough energy to electrify 20,000 single-family homes. Like we said, because it's strong stuff that's easy on the environment.







### **PINCH-POINT™**

Every joint of the Insignia e2 Window is fusion-welded, a technologically advanced method of construction that provides superior strength.

### **CRITERION RESIN™**

Forging begins with our proprietary blend of uPVC resin, utilizing “European water-cooled” extrusion process for added strength. It’s advanced, durable and virtually maintenance-free.

### **MonoSash™**

Extruded from a single sash frame delivering optimal strength for fully integrated lift-rails and interlocks. Unlike most window systems that require such features to be snap-grooved to the sash, this next-generation exterior glazing-bead also ensures peak performance, while the custom cove-moulded design provides traditional wood-like beauty.





### **Material + Design + Manufacturing**

Its material makes it lightweight, rigid and maintenance-free. Its design is durable and elegant. Lastly it's manufactured with state-of-the-art techniques, adding efficiency and quality.

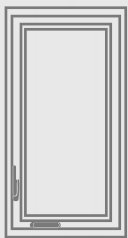
# forged

Any structure is weakest at its joints – at those places where two pieces are joined together. That's a simple rule of mechanics. So, how do you get around that problem? You eliminate the joints. For Apex, that means using single-piece window sashes, forged as one unit rather than assembled from multiple parts.

Through this process, you get a sturdier window more capable of resisting the elements, a tighter structure that allows less air to leak in or out, and, as a result, lower energy costs. That's what you call turning a weakness into a strength.



## CASEMENT



### 1 Criterion Resin Frame and Sashes

Our own proprietary blend of uPVC resin to create a rigid, durable structure without the maintenance of wood.

### 2 Strategic Insulating Air Chambers

Precision placement of these air chambers provide optimal strength and efficiency to the frame and sashes.

### 3 Multi-Point Locking System

An ultra-secure locking system provides multiple locking points designed to tightly seal the unit across the entire perimeter; eliminating air infiltration and dramatically reducing outside noise.

### 4 UltraFlex Warm-Edge Spacer

This advanced spacer provides flexibility to the unit, preventing sealant failure caused by conventional spacers.

### 5 Crank & Cradle Nestled Hardware

Insignia's stainless steel crank-out hardware nestles for a smooth, low-profile look. The hardware assembly is specially crafted to accommodate the weight of a triple-paned unit, offering effortless operation.

### 6 Omni-Seal Compression Bulb

Insignia's perimeter compression bulb offers 360 degree protection from air infiltration and creates a vacuum like seal to keep the good stuff in your home, and the bad stuff out.

### 7 Pinch-Point Fusion-Welded Joints

Every corner of Insignia is fusion-welded using advanced manufacturing techniques to provide superior strength.

### 8 ClimaTech® TG2 Triple-Glazed System

Triple glazed, argon-filled sashes comprise the most efficient window on the market. Krypton is available with our TK2 window system.

### 9 Posi-Action Geared Crank Arm

Insignia casements are engineered from the ground up as a triple-paned system. As a result, all gears, balances and support arms need to be able to handle the extra weight with smooth operation on even the heaviest sashes.

### 10 Pro-Ficiency Foam Core Chambers

A series of closed-cell foam chambers in the sash and frame provide a barrier to keep the harsh elements where they belong, outside.

— WE PASS THE TEST —





### 1 Strategic Insulating Air Chambers

Precision placement of these air chambers provide optimal strength and efficiency to the frame and sashes.

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Every corner of Insignia is fusion-welded using advanced manufacturing techniques to provide superior strength.

### 4 MonoSash Extruded Design

For optimal strength and performance we created a custom sash that is made of a single extrusion.

### 5 Integrated Double Lift Rails

All lift rails are integrated into the sash extrusion, providing a seamless look and ease of operation.

### 6 Pro-Ficiency Foam Core Chambers

A series of closed-cell foam chambers in the sash and frame provide a barrier to keep the harsh elements where they belong, outside.

### 7 European Beveled Master-Frame

All double-hung, sliding and casement windows feature a master-frame that accommodates different architectural styles.

### 8 ClimaTech® TG2 Triple-Glazed System

Triple glazed, argon-filled sashes comprise the most efficient window on the market. Krypton is available with our TK2 window system.

### 9 FiberForce Sash Reinforcement

The exclusive pultruded Fiberglass sash reinforcement at the locking rail ensures the meeting rails will not be prone to flexing while providing extra rigidity.

### 10 UltraFlex Warm-Edge Spacer

This advanced spacer provides flexibility to the unit, preventing sealant failure caused by conventional spacers.

### 11 Hidden Screen Tracks

An aesthetic enhancement, hidden screen tracks provide a more streamline look from the exterior.

### 12 True Slope Low-Profile Sill

This sleek design incorporates the look of a traditional sloped sill with the energy efficiency of a hospital sill.

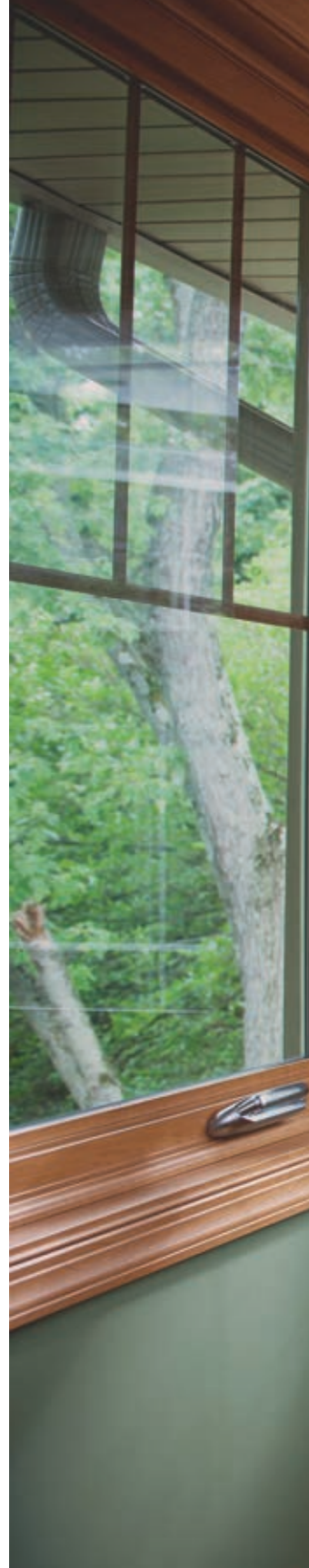
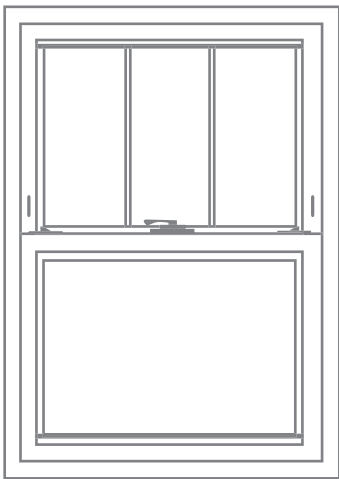


# enduring

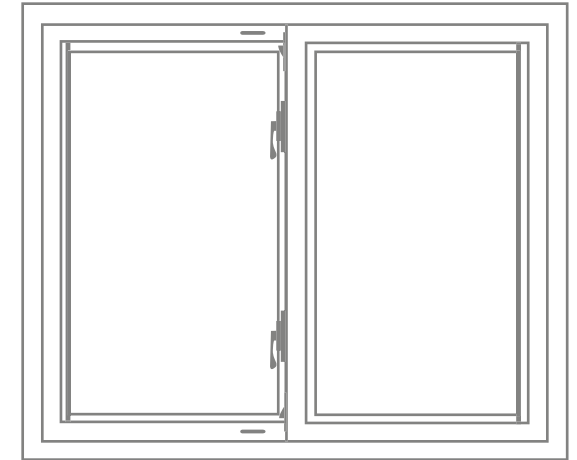
Progress isn't about abandoning everything that's come before. It's about enhancing the best of the past with the best of tomorrow ... merging what we know with what we imagine ... and marrying art with science. Nowhere is this more tangibly demonstrated than in the Insignia double-hung window,

a perfect blend of ageless design and modern innovation. Classic lines, sturdy construction, tilt-in design for easy cleaning and all of the technical details that make Insignia the best window for your home. That's progress.

DOUBLE-HUNG



TWO-LITE SLIDER



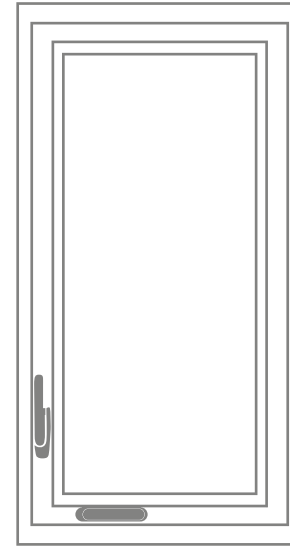
# feel

People often say that when you close the door on a well-engineered car, you know right away what quality feels like. It's solid. It's smooth. It's quiet. It moves easily along its course and settles into place with a satisfying "thump." The added bonus?

With that kind of quality comes elegance and style – the visual demonstration of great design. Now close the Insignia sliding window. Smooth. Solid. Quiet. Satisfying. Elegant. Now you really know what quality feels like.



CASEMENT



# aperture

Don't think of it as a window. Think of it as a picture frame around the world outside your home. Think of it as a light source letting the sun flood into your house. Think of it as a statement about your sense of style. A great window does more than keep the elements outside – it also frames,

highlights and accents your home and your life. That's what makes the Insignia casement and awning window the perfect addition to your home. It's a frame, a light source and a statement. And, of course, a great window.



# access

By definition, a door provides access, either to your home from the outside world, or to the outside world from your home. At the same time, you want it to provide security – to make you feel safe. In exchange for that access and security, you usually have to give up a couple of things ... you know: light and a view.

But an Insignia sliding patio door gives you access and security along with a flood of light and a great view – all packaged together with a silky-smooth sliding action. You don't have to give up anything. By definition, that's satisfaction.

CLASSIC PATIO DOOR





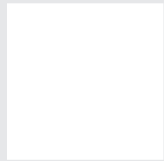
# choice

They say choice is freedom.

We say you're free to choose the elements that make your windows truly yours.

## HARDWARE OPTIONS

### STANDARD



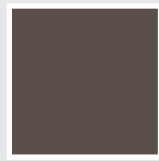
White



Beige

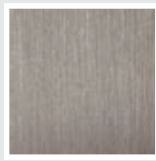


Light Earthtone

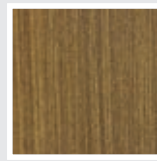


Dark Earthtone

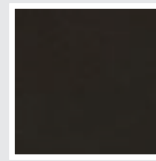
### METAL FINISHES



Satin Nickel



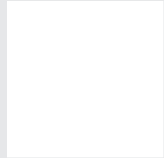
Antique Brass



Oil-Rubbed Bronze

## INTERIOR COLOR OPTIONS

### STANDARD



White



Beige

### HD WOODGRAINS



Rich Maple



Light Oak



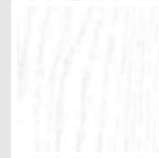
Dark Oak



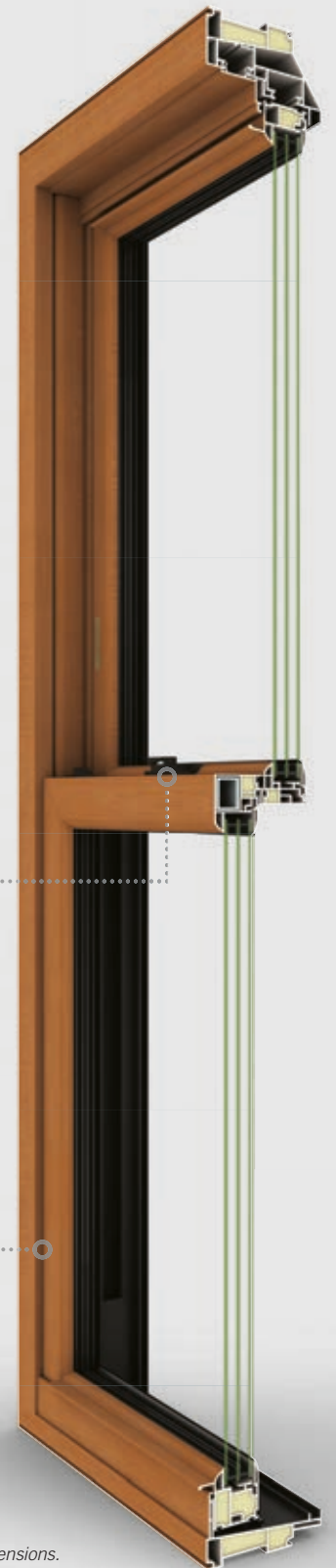
Dark Cherry



Foxwood



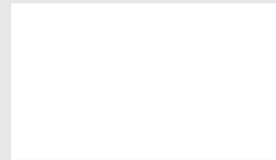
White Woodgrain



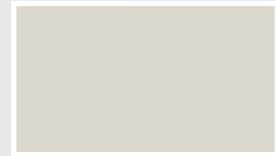


## EXTERIOR COLOR OPTIONS

### STANDARD EXTRUDED



White



Beige

### EXCLUSIVE PAINTED



Sand Dune



Silver



Desert Clay



Hudson Khaki



American Terra



Castle Gray



Black



Architectural Bronze



Forest Green



English Red

## GRID PATTERN OPTIONS

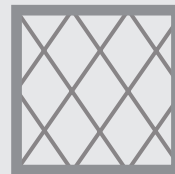
### WINDOW INTERIOR GRIDS



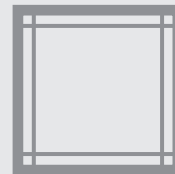
Craftsman



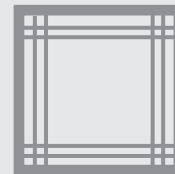
Colonial



Diamond

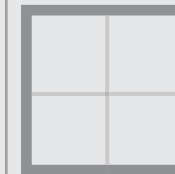


Single Prairie

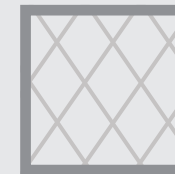


Double Prairie

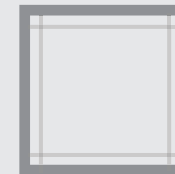
### CUT GLASS



Colonial



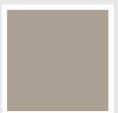
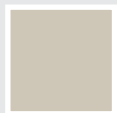
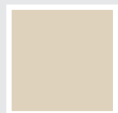
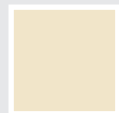
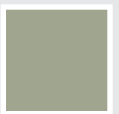
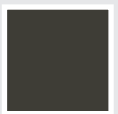
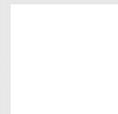
Diamond



Prairie

## BRICKMOULD WRAP COLOR

### HIGH PERFORMANCE G8 COIL

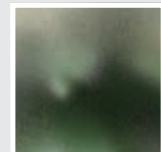


## OBSCURE GLASS OPTIONS

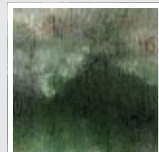
### PRIVACY GLASS



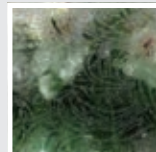
None



Standard Obscure



Rain Glass



Glue Chip Glass

View all available ways to customize your Insignia system by scanning this QR code with your smart phone.

