

the Trinity collection



Performance that  
lasts for *generations.*





# *The* Joyce Promise

Since 1955, we have been committed to excellence through product innovation, state-of-the-art manufacturing facilities, and the lifetime warranties we stand behind. Founded on the principles of the company namesake, Joyce (co-founder's late wife), we continue providing you with quality products that are crafted to enhance your home and last for generations – just as our company has.



3 Generations Strong



Limited Lifetime Warranty



Building Quality Home Improvement  
Products Since 1955



99% of Waste is Recycleable



Dealer Network



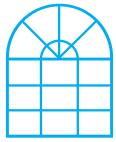
**WINDOWS**



**SUNROOMS**



**PATIO DOORS**



# Why Choose Premium Vinyl

All our window and door products are made with a proprietary vinyl formulation to ensure the optimum in product quality, performance, and durability. This formulation includes a special UV inhibitor that helps provide superior weather-resistance to keep the windows installed in your home beautiful year after year. Vinyl is virtually maintenance-free to provide you with years of ease. The frames and sashes easily clean with mild detergent and water. Vinyl's thermal and sound insulating properties enhance the energy efficiency of your home while taming outside noises.



Never paint or stain



Color retention



Recycle-ability



Strong and durable



Low/no maintenance



Affordable



## Testing *and* Approval

All of our products have been third party tested, exceeding industry standards.





# Features *and* Styles

*More is Better*

## *Effortless Operation*

Stainless steel **clock-spring balance system** lets you lift a 20 lb. sash with a single finger.

## *Functionality meets Performance & Design*

**Recessed latches** for easy exterior cleaning. Color matched heavy duty zinc **cam locks** are pick resistant.

## *Better Materials*

Our **C-Core Technology** has structural performance grades that exceed 200mph winds, 12% more thermal efficient than aluminum, and is completely recycleable.

## *Built for a Lifetime*

Our **four-point welding process** creates one solid cohesive unit that withstands the harshest wind and strcutural loads.

Engineered frames with **multiple chambers** for structural performance and improved efficient thermal barriers.

## *Want More?*

Optional **polyurethane foam filled frame** or sashes for greater energy efficiency

## *Tight You Say?*

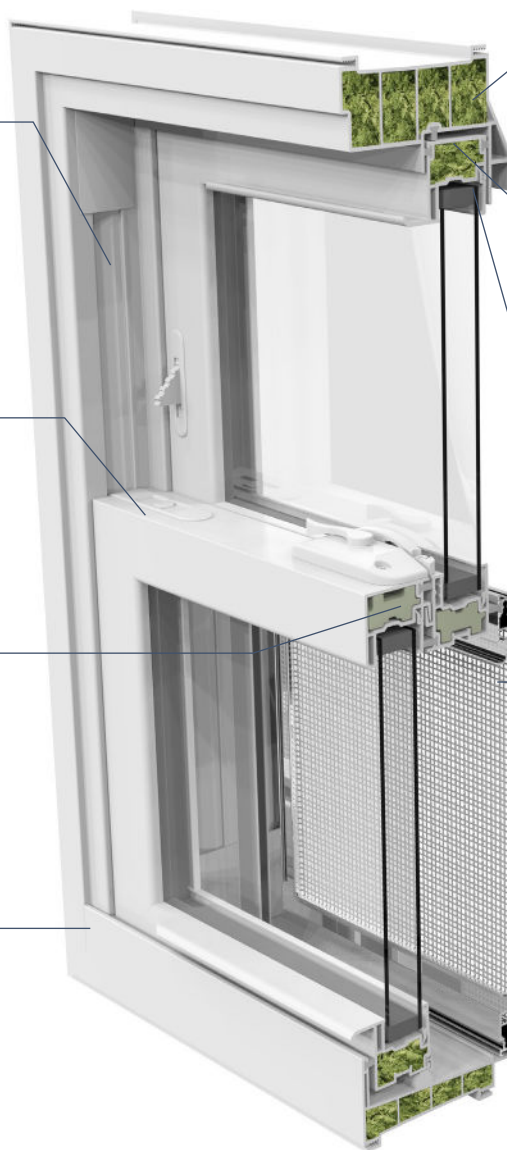
**Double-fin weather stripping** at the interior & exterior barriers protect against air/water infiltration creating a tight seal.

## *Don't Rollover*

Standard with **extruded aluminum half screen** is 10x stronger than roll form.

## *No Barter with Water*

Truly **sloped sill** design naturally sheds water away from your home. Plus our **weep fortification** system adds extra protection eliminating ice or water backup.



Double Hung Window



Slider Window



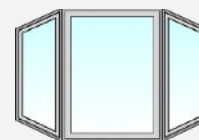
3-Lite Slider Window



Picture Window



Casement Window



Projection Window



Specialty Window







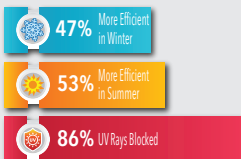
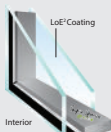
# Glass Packages *and* Benefits



Utilizing our SmartShield technology, we've got you covered no matter the climate you live in or the orientation of your window to the sun. Our LoE coated glass with Super Spacer™ and Argon gas is built to exceed Energy Star and global manufacturing standards for insulated glass.

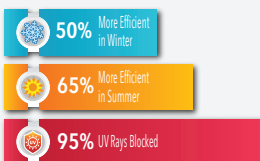
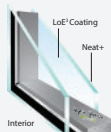
## ALL AROUND PERFORMANCE<sup>†</sup>

### J2



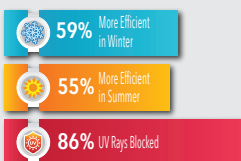
## SOLAR ALL AROUND PERFORMANCE<sup>†</sup>

### J3 with Neat+



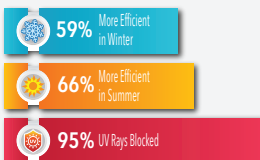
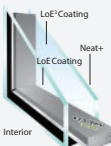
## HIGH DUAL GLAZE PERFORMANCE<sup>†</sup>

### J21



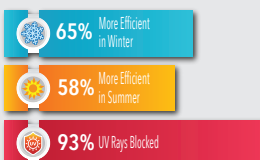
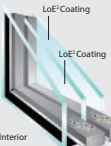
## SOLAR HIGH DUAL GLAZE PERFORMANCE<sup>†</sup>

### J31 with Neat+



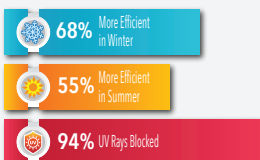
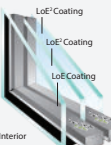
## TRIPLE PERFORMANCE<sup>†</sup>

### TJ22



## HIGH TRIPLE PERFORMANCE<sup>†</sup>

### TJ221



## Cleaner. Greener.

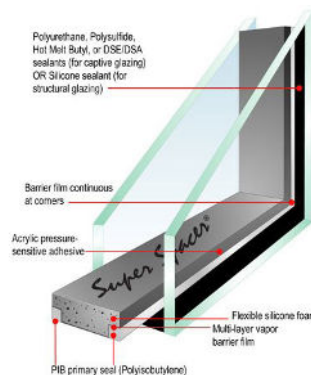
Neat+ uses next generation technology to breakdown greenhouse gases. That means less pollutants and dust can reach your window, resulting in a window that stays naturally cleaner longer... and without the work!



## Premium Enhanced Super Spacer®

Best in its class, our multilayer silicone memory foam spacer outperforms other spacer systems on the market due to its all around performance and benefits:

- Better thermal performance
- Non-dissipating argon gas
- Sound absorption
- Unparalleled Seal Retention
- Mold prevention
- Longest lasting insulated glass unit in the industry



## The warmest edge among dual-seal systems.

up to +14.4°F/8.0°C

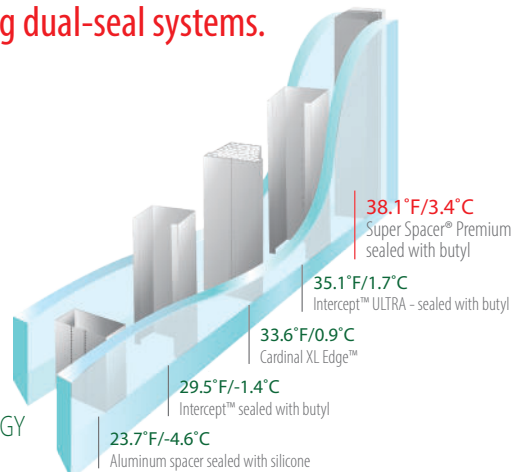
warmer temperature at the edge of the glass

Outside 0°F/-17.8°C ±2°F/-1.1°C

Inside 70°F/21.1°C ±2°F/-1.1°C

## Super Spacer® SEALED

When it's COLD Outside,  
METAL SPACERS can DRAIN the ENERGY  
of Your High Performance Windows!





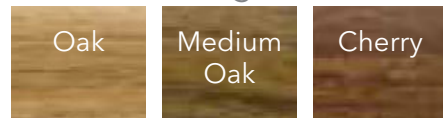


# Options *and* Finishes

## Interior/Exterior Colors



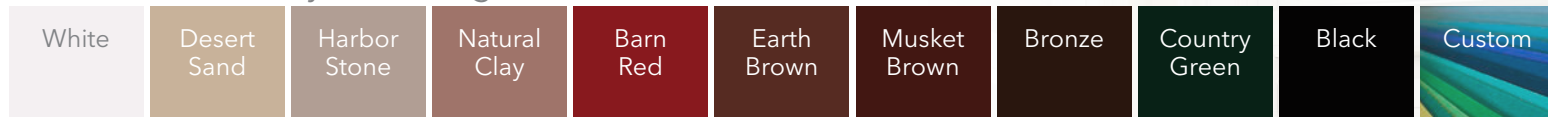
## Interior Woodgrains



## Color Matched Exterior Trim Coil

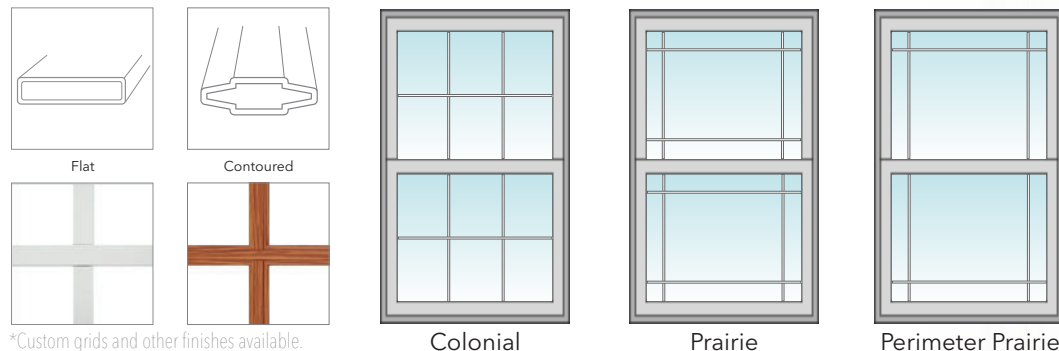


## Prizm: Exterior Acrylic Coating



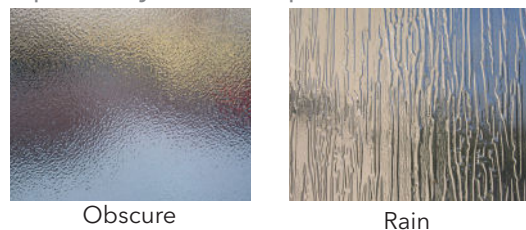
\*The colors represented in this brochure are for illustrative purposes only and do not reflect the actual colors. Please refer to a certified Joyce color swatch ring for an accurate representation.

## Grids



\*Custom grids and other finishes available.

## Specialty Glass Options

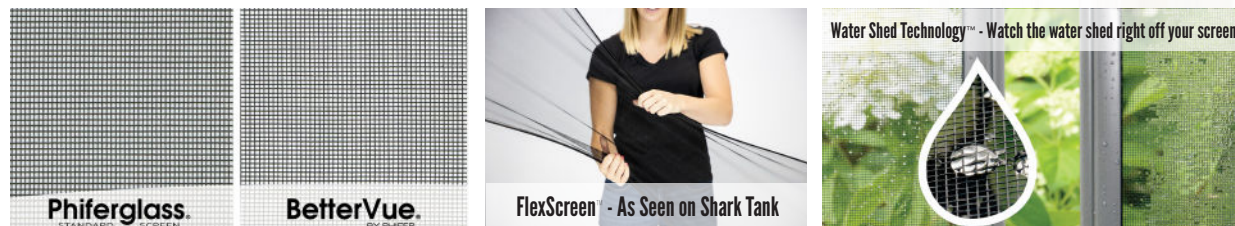


\*Tempered and laminated glass available.

## Tint Options



## Screens



\*Screens available in half or full window. All screens - including FlexScreen™ - include Water Shed Technology®.

\*Not all options or finishes are represented. Please see your Joyce dealer for further details.



## Windows - Patio Doors - Sunrooms

JoyceWindows.com



800-824-7988 • JoyceWindows.com

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Cardinal Glass: Values are calculated BTU Heat Loss and Gained using Cardinal Glass Technical Glass Guide 3.0 (p. 12) according to NFRC environmental conditions. Double-pane IG dimensions: 1/2" airspace, 90% argon filled for LoE products. Coatings on #2 and #4. Triple-pane IG construction: 1/2" airspace, 90% argon filled for LoE products. Coatings on #2, #4, and #6. NFRC conditions: 0°F outside, 70°F inside were used for all calculations. All airspaces were 9/16" with 100% argon filling. Super Spacer® and Duralite® are registered trademarks of Quanex Building Products. SuperSpacer: Simulations performed by WSP Canada Ltd. using Window 7.4 and Therm 7.4, according to NFRC 100-2014 and NFRC 200-2014. All models were 1200 x 1500 mm (approx. 48" x 60") and NFRC 2010 conditions - 0°F outside, 70°F inside - were used for all simulations. Low-e glass for double-pane IG was Cardinal Low-E<sup>2</sup> 270; low-e glass for triple-pane IG was Cardinal Low-E<sup>3</sup> 366. All air spaces 0.500" wide, with 90% Argon fill. Doubles were modeled as IG units only and in Mikron 1400 series SSTDH; triples were modeled as IG only and in Mikron 10700 (EnergyQuest) series SSTDH. Secondary sealant materials and depths are as listed. Temperature values shown are from modeling results, and were measured at the sightline (SL) and at 0.5" above the sightline (SL+1/2"). thick. Super Spacer®, Duralite® and DuraSeal® are registered trademarks of Quanex Building Products. XL Edge™ and Neat+™ is a trademark of Cardinal Glass Industries. [QBP17M00614] Smartshield: Smartshield is the intellectual property of Joyce Manufacturing Company. Intercept and Intercept Ultra Citation: Intercept® and Intercept Ultra® is a registered trademark of Vitro® Architectural Glass. Flexscreen™ is a trademark of Reflex Brands. Phiferglass®, Bettervue®, and Water Shed Technology™ are registered trademarks of Phifer. DualTech™ is a trademark of Ashland Hardware Systems.