



the Transcend *collection*







## C&L Ward *Story*

It has been our family's philosophy from the very beginning when two brothers began their dream: offer you the highest quality products and the best professional installation, all backed by a commitment to your total satisfaction. That's how we started in 1972 and it's the way we continue to serve you today.

From the very first meeting, we put our family's name and reputation on the line. It all begins the moment our home professionals guide you through the decision process. Our trained and certified installers provide the highest level of workmanship and the peace of mind that the job was done right. You work with one company for the duration of your project, making it easy for you from consultation to installation.

We don't stop here. We make sure you are completely satisfied with your experience by offering you our Peace of Mind Guarantee for as long as you own your home.



## Experience The *Difference*



PEACE OF MIND GUARANTEE



LOW MONTHLY PAYMENT OPTIONS



THOUSANDS OF 5-STAR REVIEWS



TRAINED AND CERTIFIED INSTALLATION TEAM



DESIGN CENTERS TO VISUALIZE PROJECTS



AFTER-THE-SALE SERVICE ON HOME PROJECTS



## Upward Vinyl Advantage

Our window and door products are crafted using a unique vinyl composition for exceptional quality, performance, and longevity. This advanced formulation features a UV inhibitor that offers outstanding weather resistance, ensuring your windows remain attractive for years to come.

### Here are some benefits of Upward Vinyl:



Scratch resistant



Color retention



Sound absorption



Strong and durable



Low/no maintenance



Superior thermal efficiency



Affordable



Recyclable



Moisture resistant



INSTALLED IN  
28 STATES



LIMITED LIFETIME  
TRANSFERRABLE WARRANTY



SEAL FAILURE  
COVERED



500,000 UNITS  
INSTALLED



QUALITY WORKMANSHIP  
& MATERIALS



## Proving Third-Party Affiliates

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

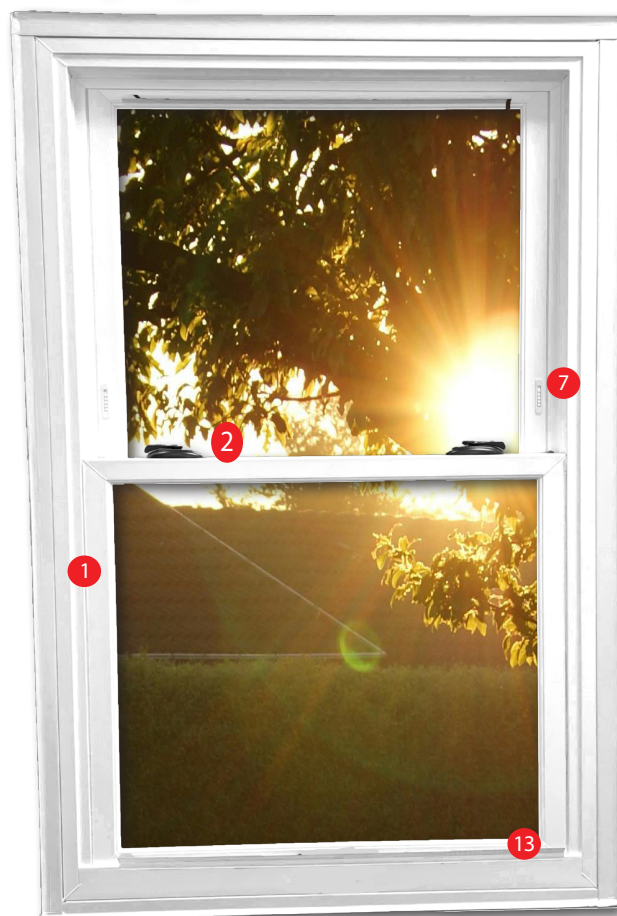


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**2024**  
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# Features *and* Benefits



## 1 Composite Reinforced Vinyl Sashes

Adds superior strength, integrity, insulation, and tilt-in for an easy clean.

## 2 Optional Color Upgrades on Locks

An elegant and unique look available as an upgrade on vinyl windows.

## 3 DuoTilt™ Hardware System

Incorporates same lock and tilt-in hardware - eliminating separate sash lock. One lever disengages lock, with one more step opening the latch to tilt-in.

## 4 Beveled Exterior with Integral Drip Cap

Aesthetically pleasing; keeps glass cleaner.

## 5 Double-Barrier Fin-Seal Weather Stripping

Tight seal - prevents air and water infiltration. Keeps you warmer in the winter and cooler in the summer.

## 6 Stepped Down Window Jam

Improves structural strength to create an energy efficient barrier between the outdoors and your home.

## 7 Self-Adjusting Stainless Steel Balance System

Strongest in the industry; allows homeowner to effortlessly raise and lower sash.

## 8 Insulated Glass

Superior thermal performance; sound deafening.

## 9 Truly Sloped Sill

Keeps water outside of your home with no need for weep holes.

## 10 Bulb Seal

Creates an ultra-tight seal; prevents cold air infiltration.

## 11 MagnaSeal

Magnetic seal like a refrigerator door creating an airtight seal.



## 12 Comfort Core Insulation

All chambers are filled with polyurethane foam, the same material used to insulate your refrigerator door; enhancing your windows' thermal efficiency.

## 13 Integrated Lift Handle

Sleek and easy to raise window. You can also have an additional handle installed.

"DuoTilt" Hardware System is an upgraded option only available with Transcend windows in double-hung style.  
Window is shown with optional Deluxe Foam Fill package using C-Core reinforcement in lock sash lift handle (double-hung only).









# Comfort Level Glass Performance

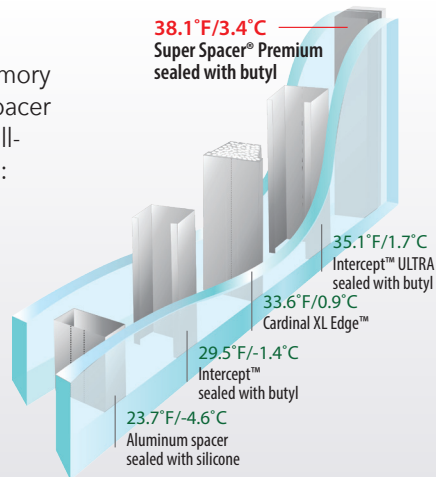


Utilizing our Comfort Level technology, we are able to offer you superior glass options, tailored specifically to the area you live in. During cold winter months, low-emissivity (LoE) coatings with Super Spacer® greatly reduce heat loss by reflecting radiant heat back into your home – which helps with comfortable indoor temperatures, and reduces the need for excessive heating. During the summer months, LoE coatings reflect away the sun's heat, keeping your electricity costs lower, and your home cooler.

## Super Spacer®

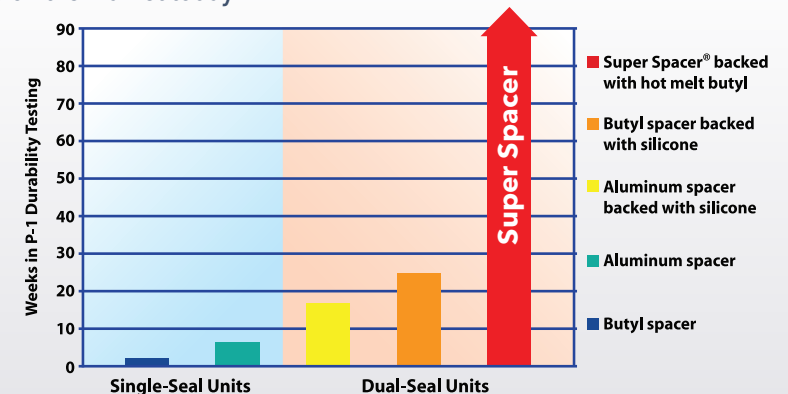
Best in its class, our multilayer memory foam spacer outperforms other spacer systems on the market due to its all-around performance and benefits:

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



Super Spacer sealed units have been shown to have up to nine times the life expectancy\* of single-seal insulating glass systems available on the market today.

The P1 test, the world's toughest insulated glass durability test, exposes units to 140°F (60°C), 95-100% humidity and constant UV bombardment. Each week of testing is approximately equivalent to one year of field use. Super Spacer units have tested to show a loss of less than 1% argon gas in 5 years of service life simulation.



## Cleaner. Greener. Neat+

Neat+ is a durable, permanent coating comprised of titanium dioxide. It uses next generation technology to break down greenhouse gases. That means less pollutants and dust can reach your window, resulting in a window that stays naturally cleaner longer without the work!



### Uncoated Glass

The glass surface can be statically charged and attract dust particles

### Neat+

Neat+ is a conductive surface. Dust particles are not attracted, reducing buildup.

The results are clear, Neat+ = 40% LESS dust compared to uncoated glass.

### Neat+ Works With the Sun

Neat+ with enough UV from the sun, can result in a hydrophilic (sheets water) surface that dries ~3x faster than uncoated glass, leaving fewer visible water spots.

Hydrophilic      Uncoated Glass

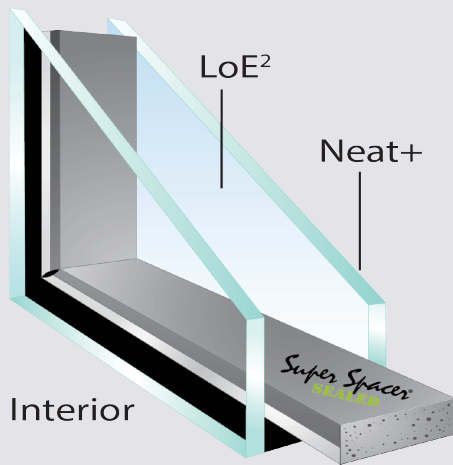






# Comfort Level Glass Packages

As an ENERGY STAR® partner, we are committed to excellence by producing top-quality, energy-efficient windows and patio doors that surpass their rigorous standards. Our products are independently tested and certified to meet the EPA's strict energy-efficiency criteria. By collaborating with the ENERGY STAR program, our engineers have developed products that not only save energy but also deliver exceptional value to you.

## UP2 with Neat+

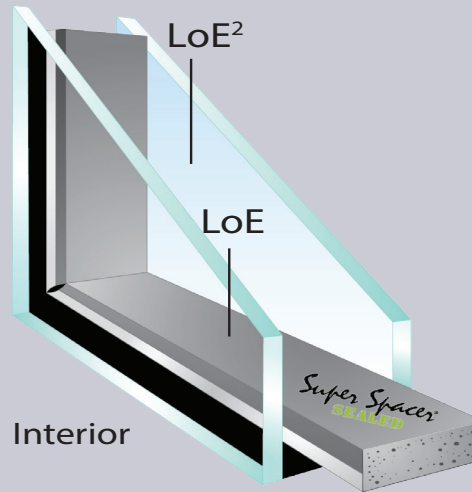



 **47%** More Efficient in Winter

 **53%** More Efficient in Summer

 **86%** UV Rays Blocked

## UP21 with Neat+

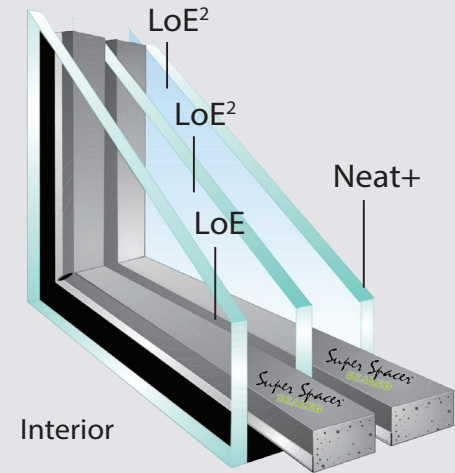


 **59%** More Efficient in Winter

 **55%** More Efficient in Summer

 **86%** UV Rays Blocked

## UP221 with Neat+



 **68%** More Efficient in Winter

 **55%** More Efficient in Summer

 **94%** UV Rays Blocked



**Most Efficient  
2024**  
[www.energystar.gov](http://www.energystar.gov)

Ratings shown above are for Transcend double-hung windows. Performance ratings may vary based on grids, glass strength, or other options. % calculations are compared to a dual insulated clear glass unit.

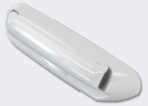




## Casement *and* Awning

Slim lines and a coved exterior sash give these hinged windows a timeless look with a ton of viewable glass area, not to mention up to 100% ventilation.

- Fully-welded, multi-chambered construction for superior structural performance
- Dual seals at the sash and frame ensure no air or water infiltration
- Casements outward swing of up to 90 degrees will allow you to clean your exterior glass from the inside
- Awning windows are hinged at the bottom and can be used on rainy or sunny days
- Optional FlexScreen maximizes your internal viewable area while giving you a clean modern look



Low profile fold-down lock handle provides sleek recessed look



A single-lever, multi-point locking system ensures exceptional security



Self-lubricating stainless steel hardware ensures a lifetime of worry-free enjoyment



## Bow & Bay Windows

Add an exceptional architectural focal point to your exterior! Or better yet, expand your interior living space with a bay or bow window.

- Hand-selected, furniture-grade oak or birch can be custom finished to match any interior laminate or vinyl color
- Picture window casing and stops can be pre-mitered and custom finished for the perfect look
- Internal PVC panning system for protection against ice and water
- Roof hips, when applicable, can be pre-made and shingled to match
- Optional recessed LED lights create the perfect ambiance
- Possibilities are endless with degrees, finishes, window styles, and options



R9 insulated Super Seat comes standard



- Timberstrand laminated structural mullions provide superior strength and support
- Exterior color-matched cladding comes standard







## Sliding Windows

Sliding windows are great for openings that are more wide than tall, which can offer an expansive, unobstructed view of the outdoors, while providing plenty of fresh air.

- Fully-welded, multi-chambered construction for superior structural performance
- Polyurethane foam filled frames and sashes for the best energy efficiency
- C-Core reinforcement at the meeting rail for superb structural & thermal performance
- Double-fin weather stripping to create a tight seal against air & water infiltration
- Color-matched, heavy-duty zinc cam locks offer pick-resistant security
- Dual brass rollers that ensure decades of smooth, easy operation
- Lift-out sashes that make cleaning the exterior glass exceptionally easy
- Extruded aluminum screen frame with fiberglass mesh for 10x more strength



## Picture Windows

Enjoy the wide-open, panoramic views and abundance of natural light that picture windows will bring to your home. Picture windows are non-operable and feature a single-frame design that makes them the most airtight window style you can purchase.

- Fusion welded, multi-chamber design for structural and thermal performance
- Polyurethane foam filled frame for rigidity and enhanced thermal efficiency
- The superior frame design with a weep fortification system gives you an extra bonus layer of protection against any water or ice infiltration
- The slimline profile maximizes your viewing area without jeopardizing strength or efficiency for a lifetime of enjoyment







## Specialty Shapes

Specialty shape windows are customized in a limitless array of different geometric patterns. They allow you to select a shape that complements the style of your home or to replace an existing specialty window you currently have. They are often used as architectural accents to enhance the visual appeal of your home. When strategically placed, they draw the “Aha!” moment as a focal point, or add a unique touch to your architecture.

- Full selection of geometric shapes and configurations, including but not limited to: Circle, circle tops, eyebrows, arched, octagons, triangles, pentagons, and more
- Accessory grooves allow for shape patterns to be mulled to other window styles to give the appearance of a single unit
- Multiple chamber frame design for better thermal performance
- The slimline profile maximizes your viewing area without jeopardizing strength or efficiency for a lifetime of enjoyment



## Hopper Windows

Brighten basements with small, yet noticeable hopper windows. Designed to provide fresh air and light without compromising security or privacy, hopper windows open inward from the top. They function similarly to awning windows, with the largest difference being the direction they open.

- Positioned high on walls to ensure privacy in basements and bathrooms
- Compact size and tight seal for energy efficiency
- Can be paired with picture windows to create a visual masterpiece and contemporary ventilation solution
- Help control the humidity in damp environments
- Easier to open than many other styles







# Patio Doors

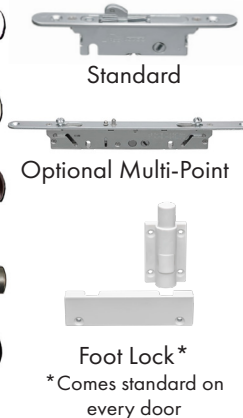
Upward patio doors create a functional, visually appealing way to enter and exit your home. They come in 2-panel configurations and welcome natural light while providing a sense of connection to the great outdoors.

- Fully fusion welded meeting and operating sash
- Multiple weatherstripping virtually eliminates air infiltration and outside noise
- Effortless, smooth, and quiet operation with Ultra dual-tandem rollers
- Adds value and beauty to a property
- Multiple locking options to ensure security, foot lock comes standard

## Handle Finishes



## Locking Options



# Options and Finishes

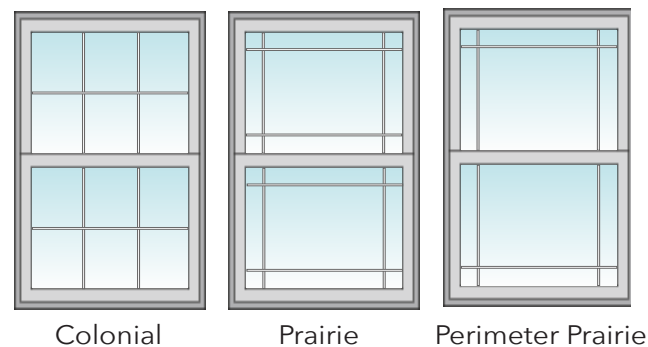
## Interior/Exterior



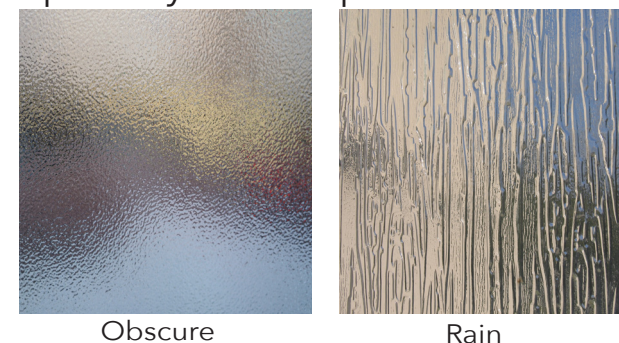
## Interior Woodgrains



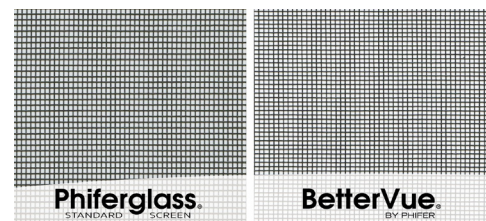
## Grid Patterns



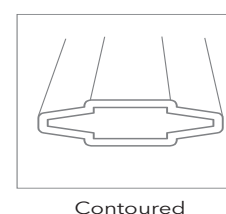
## Specialty Glass Options



## Screens



## Grids



## Hardware Upgrades†



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

Custom grids and finishes available

†Black hardware is not available on interior woodgrains. Not all options or finishes are represented. Please see your dealer for further details. Exterior laminate and oak woodgrain not available for patio doors.





Windows • Patio Doors • Roofing  
Siding & Stone • Decking

*PROUDLY SERVING MICHIGAN FAMILIES SINCE 1972*



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the Transcend Collection

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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. Source of P1 Test Results: Glass Digest, November 1992, Test RLS08006B. 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. Duo Tilt™ is a trademark of Roto Frank of America.

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