

THE GENTEK WINDOW COLLECTION

DISCOVER THE PERFECT VIEW FOR YOUR HOME







GENTEK WINDOW COLLECTION

BUILT WITH PRIDE IN CANADA.

GENTEK PROUDLY SERVES THE CANADIAN BUILDING PRODUCTS INDUSTRY with superior quality Canadian-made windows and world-class customer care. Our high standards of integrity and reliability are firmly rooted in our long-standing tradition of Canadian excellence. It's what makes our windows among the best in the industry and our service second to none.

Gentek vinyl windows are custom-built to your exact specifications and backed by decades of window manufacturing expertise. Engineering, innovation, rigorous testing and stringent quality control are just a few ways that we turn cutting-edge technology into superior windows and satisfied customers. When you choose Gentek windows for your home, you can be assured of the highest levels of performance, beauty and value.





GENTEK WINDOW COLLECTION

MAKE AN IMPECCABLE CHOICE.

Energy-engineered 4000 Series windows are expertly crafted to increase the energy efficiency¹ of your home and reduce energy costs. The ultra-efficient design features an extra-strong 4-1/2" thick fusion-welded frame with the sash positioned closer to the interior part of the wall for improved thermal performance. Multichambered construction, triple-layer weatherstripping, insulating glass technology and fusion-welded sashes together provide a beautiful and powerful barrier against energy loss.





GREENER PRODUCTS FOR A BETTER WORLD.

Built with environmental stewardship in mind, our Gentek windows are precision-engineered to deliver superior energy efficiency and help reduce energy consumption for heating and cooling homes. Using less energy to heat and cool your home not only saves money, it can reduce your home's carbon footprint as well.

Vinyl's long lifespan and low-maintenance nature can further lessen your impact on the environment as no painting, staining or other maintenance-related products are needed beyond routine care.

LIFETIME PEACE OF MIND.

Gentek windows encompass all of the hallmarks of exceptional window design – enduring quality and energy efficiency, along with functional beauty and maintenance freedom. Tested and proven, Gentek windows are a smart investment in your home and are endorsed by a lifetime limited, transferable warranty for added peace of mind.²





BRING GENTEK QUALITY HOME.

When you choose new windows for your home, you're choosing much more than the frame, sashes and glass – you are choosing the company that stands behind the product.

At Gentek, we are dedicated to providing superior quality and excellent value for you, our customer, and are continually researching and developing innovations that achieve new heights in world-class product performance. We further demonstrate our commitment to excellence through our rigorous testing and quality assurance certifications from independent agencies.



THE ART AND SCIENCE OF THE GENTEK WINDOW COLLECTION.

With meticulous attention to every detail, 4000 Series windows merge timeless beauty with innovative technology to achieve superior energy efficiency, enduring style and easy upkeep for your home.



ORIGIN III VINYL TECHNOLOGY

Strength and style are equally integrated in our Origin III premium vinyl. Highly durable and virtually maintenance-free, the vinyl composition also is formulated for low thermal conductivity, which makes it ideal for window manufacturing. Featuring a crisp white colour through and through, the vinyl won't rot, split, corrode or pit like painted wood windows and won't swell or warp from exposure to moisture. Your windows will keep their beautiful appearance season after season, year after year.



INTEGRAWELD FUSION WELDING

Our IntegraWeld Fusion Welding method produces full-contact welding points for every masterframe and sash corner, resulting in superior strength and a clean, low-spread finished appearance. And, unlike mechanically fastened windows, 4000 Series window corners will not work loose or leak air or water.



RENOVATION MASTERFRAME

The extra-strong 4-1/2" thick (nominal) masterframe on the 4000 Series window works double time: it fortifies the structural integrity of the window and accommodates a variety of installation methods and architectural styles.



INNERSET SASH INTERIOR WALL POSITION

4000 Series has the inside track on energy savings! The innovative window construction positions the sash in the insulated part of the wall, closer to the interior, for improved thermal performance.



MAXUM33 STEEL SASH REINFORCEMENT

Our Maxum33 steel sash reinforcement provides extra strength at the sash meeting rails to help prevent flexing during heavy winds – a valuable component especially during harsh Canadian weather. (Only available on larger sized windows with two locks and keepers.)



MULTIPOINT LOCKING SYSTEM

Integrating design innovations with everyday practicalities, the multipoint hardware system for our casement and awning windows is precision-engineered for smooth and reliable operation. The sleek and stylish powder-coated steel locks hold up to 500 lbs. per lock point* and are resistant to insect and light infiltration, further enhancing the trouble-free functionality of your windows.

*Application dependent. Force load capacity per lock point.



ULTRA-EFFICIENT GLASS TECHNOLOGY.

Windows are roughly 80% glass, so it's essential to choose a glass system that provides insulation from challenging weather yet allows the warmth and beauty of natural light to shine through.

ENERGY STAR-CERTIFIED
GENTEK WINDOWS CAN
HELP YOU SAVE MONEY BY
CUTTING YOUR ANNUAL
ENERGY BILLS. CHOOSE
THE BEST GLASS PACKAGE
TO MEET THE CLIMATE
CONDITIONS OF YOUR AREA.
DOUBLE- OR TRIPLE-GLAZED
UNITS WITH THE QUANEX®
SUPER SPACER® SYSTEM
WILL PROVIDE SUPERIOR
ENERGY EFFICIENCY,
COMFORT AND VALUE.



See your Gentek Sales Representative for an energy-efficient glass package for your home and climate conditions.

CUSTOMIZE YOUR WINDOWS WITH ENERGYPLUS GLASS – DESIGNED FOR NORTHERN CLIMATES

Our EnergyPlus glass is specially formulated with insulating properties that provide superior energy savings. The precision-engineered Low-E (low-emissivity) glass retains heat inside the home during cold winter months. Combined with the Super Spacer® technology and insulating gas,³ EnergyPlus can achieve an excellent Energy Rating (ER) for reduced energy use.

Gentek windows are available with a variety of EnergyPlus and Solar Shield insulated glass packages to meet the latest ENERGY STAR® performance requirements.

ENERGYPLUS QUATTRO GLASS PACKAGES

- Ultra-efficient, double-glazed system can significantly increase the ER value and help reduce your annual energy use.
- Meet new ENERGY STAR requirements; exceptions may occur when certain options are ordered.
- Two surfaces of Low-E technology; reflects heat back into the home interior and significantly increases the ER value.

ENERGYPLUS GLASS PACKAGES

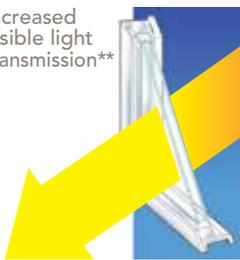
- Double-glazed EnergyPlus glass units (which are standard on Gentek windows) feature one surface of Low-E glass, insulating argon gas and the Super Spacer® structural foam spacer for an excellent ER.

SOLAR SHIELD GLASS PACKAGES

- Feature increased solar control to help create consistent indoor temperatures in regions with hot summers and cold winters.
- Block significantly more unwanted solar energy than standard clear glass and dark tinted glass, resulting in less air-conditioning use.

BEAUTIFUL CLARITY AND NATURAL LIGHT FOR A MORE BALANCED, COMFORTABLE INTERIOR

Increased visible light transmission**



Allows increased visible light transmission to brighten the home's interior.

Additional solar heat allowed in**



Lets in more of the sun's heat to warm the home naturally in winter months.

Significantly more heat retained**



Improves insulating performance significantly over double clear glass.

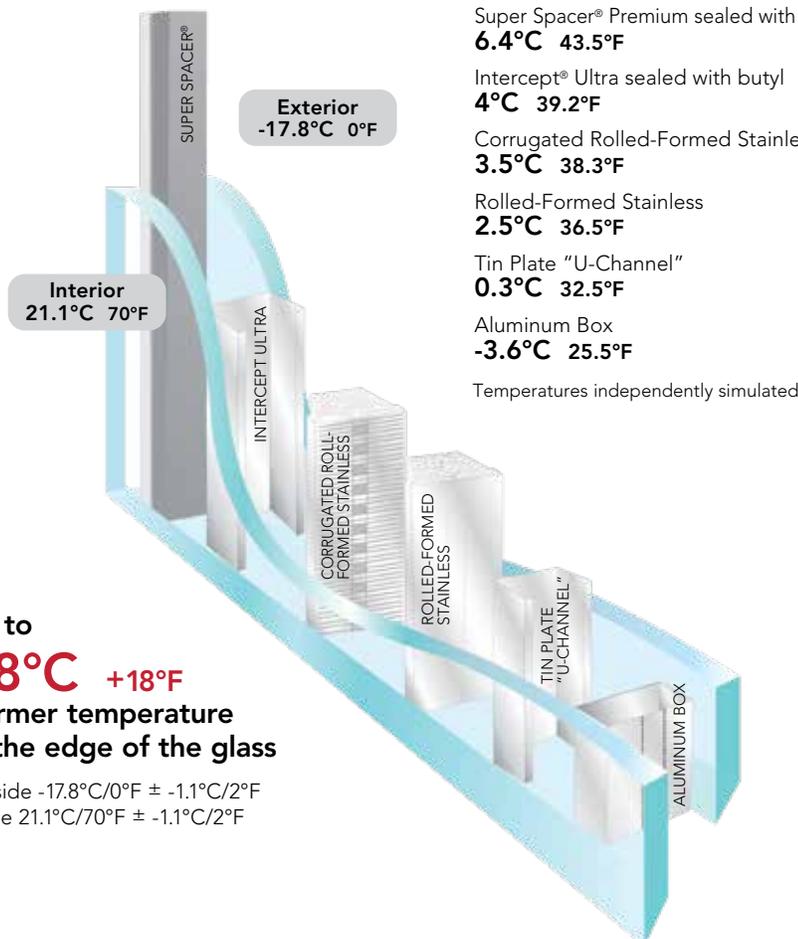
**Results achieved by testing a whole window.

SUPER SPACER® NON-METAL SPACER DESIGN SYSTEM

Another key component to a window's energy efficiency is the spacer system. A spacer creates an insulating air space between the panes of glass, which functions as a thermal barrier to help prevent energy loss. It also stabilizes the panes of glass for greater stability and longevity.

Gentek windows' Super Spacer® system combines a structural foam spacer with a seal of hot melt butyl to create a "warm" low-conduction edge. This non-metal design eliminates any metal-to-glass contact, thereby increasing the edge of the glass temperature for enhanced energy efficiency.

COMPARISON OF GLASS EDGE TEMPERATURES AMONG VARIOUS SPACER SYSTEMS†



Up to
+8°C +18°F
warmer temperature
at the edge of the glass

Outside -17.8°C/0°F ± -1.1°C/2°F
Inside 21.1°C/70°F ± -1.1°C/2°F



The Super Spacer® non-metal spacer provides superior resistance to conduction and helps eliminate metal-to-glass contact and conduction.

 National Fenestration Rating Council CERTIFIED	Gentek Building Products Model 3J10A – PVC Window Double glazing Argon Low E + Foam spacer CPD# GTK-A-107-00483-00001	
	ENERGY PERFORMANCE RATINGS	
U-Factor	Solar Heat Gain Coefficient	
1.65 (Metric) (SI)	0.29 (US) (I-P)	0.50
ADDITIONAL PERFORMANCE RATINGS		
Visible Transmittance	Air Leakage	
0.57	≤1.50 (Metric) (SI) ≤0.30 (US) (I-P)	
<small>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information. www.nfrc.org</small>		

CHECK THE NFRC LABEL

To compare the energy-saving performance of one window to the next, take a look at the NFRC (National Fenestration Rating Council) label. The lower the U-factor (also known as U-value), the less energy you'll need to heat your home. The lower the Solar Heat Gain Coefficient (SHGC), the more you'll conserve on air-conditioning.

†Performance values found at quanex.canto.com/direct/document/eti7r4275h4036gk19u0vdof0e/WgBflj2QG-Tgds3BZn10gFAsvE/original?content-type=application/pdf&name=Super_Spacer_Benefits_Handout_MSSBH+01182018_Web.pdf. Simulations performed using WINDOW 7.8 and THERM 7.8, according to NFRC 100-2020 and NFRC 200-2020. 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-E₃ 366. All air spaces 0.500" wide, with 90% argon fill. Doubles were modeled both 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+0"). Super Spacer® is a registered trademark of Quanex IG Systems, Inc. Intercept® is a registered trademark of GED Intelligent Solutions.

EXPERTLY BUILT – FOR YOU.

From top to bottom, inside and out, Gentek windows are precision-engineered for superior performance, a weathertight fit and ease of operation. Each window is built to the exact measurements of your window opening, ensuring a markedly superior installation with a beautiful clean-line design.

INTEGRAWELD FUSION-WELDED FRAME AND SASH CORNERS add extra structural strength and increase precision in the frame and sash.

BRIGHT WHITE COLOUR creates a beautifully consistent match across Gentek siding and trim components.

SASH VENT STOPS limit opening to 4".

ADVANCED-DESIGN CONSTANT FORCE BALANCE SYSTEM ensures unmatched ease for smooth sash operation. Innovative one-piece technology delivers superior durability and performance (double hung and single hung style).

FULL-WIDTH LIFT RAILS for easy operation.

INTEGRATED 1/2" OR 3/4" J-CHANNEL for an enhanced finished look.

OPTIONAL RETRACTABLE NAILING FLANGE for easy installation.

INTEGRATED EXTERIOR ACCESSORY GROOVE supports optional attachments and accessories.

DOUBLE-GLAZED 7/8" THICK (NOMINAL) INSULATED GLASS UNIT featuring the Super Spacer® structural foam spacer creates a powerful thermal barrier; EnergyPlus glass (soft-coat Low-E and argon gas) offers enhanced energy-efficient technology.

OPTIONAL TRIPLE-GLAZED 1-1/4" THICK (NOMINAL) INSULATED GLASS UNIT†† for even greater thermal efficiency year-round.

STEEL-REINFORCED INTERLOCK on larger windows with two locks and keepers for a snug fit and increased durability.

STANDARD POCKET SILL (welded).





4000 SERIES.

Accommodating a variety of installation methods, the 4000 Series features a 4-1/2" thick frame for increased energy efficiency and aesthetic appeal. The multichambered design and insulated glass technology further shield your home from energy loss.



The sleek exterior frame showcases the classic beauty of the popular double hung and single hung windows.

EXTERIOR

Premium vinyl frame and sashes never need painting and will not rust, peel or corrode.

Available in solid extruded Bright White, or customize your windows with our Armour Guard™ black exterior coating technology or one of our 20 standard paint colours.

Colour-coordinated full screen included.

Factory-installed welded brickmould options accommodate a wide range of applications.

INTERIOR

Full selection of vinyl, composite and wood jamb extensions available.

Tilt-in sashes on the double hung window allow for easy cleaning of the glass from inside your home; single hung windows feature a tilt-in bottom sash only.

Interior colour choices are solid extruded Bright White or an optional Black painted finish.⁴

ADDITIONAL FEATURES

Steel-reinforced interlock on larger windows with two locks and keepers for a snug fit and increased durability.

Innovative retractable PVC nailing flange (optional) is folded flat against the window frame to protect it from damage during shipping and installation.

DOUBLE HUNG AND SINGLE HUNG WINDOWS

MODERN-CLASSIC ELEGANCE WITH EVERYDAY EASE.





Traditional beauty takes the lead in our double hung and single hung windows. The crisp corners and symmetrical lines of this time-honored design merge with modern technology to give your home an attractive window system that's energy efficient and strong.

- Heavy-duty, low-profile fusion-welded masterframe and sashes for superior strength and rigidity.
- Integrated, multichambered construction provides insulating air spaces for energy efficiency and enhanced durability.
- Double hung windows are easy to clean – both sashes tilt in for convenient access from inside your home.
- Single hung windows feature a tilt-in bottom sash only.
- Full-width lift rails for easy operation.



The positive action lock (PAL) ensures easy operation. A simple movement of the locking tab allows the sash to move freely; the PAL system locks automatically when the window is closed (far left).

Double hung windows include contoured tilt latches and sash vent stops (left).



SLIDER WINDOWS

BRILLIANTLY DESIGNED FOR A WIDE-OPEN VIEW.

Let the sunshine in! With a clean-line design and ample glass area, slider windows provide an expansive outdoor view. Expertly crafted sashes are precision-built for smooth and reliable horizontal gliding action, and lift out for easy cleaning.⁵

- Fusion-welded mainframe and sash corners increase strength and create a clean, neat appearance.
- Integrated, multichambered construction provides insulating air spaces for energy efficiency and enhanced durability.
- Operating sash features two sets of solid brass tandem rollers to ensure smooth operation.
- Full-height pull rails for easy operation.
- Steel-reinforced interlock on larger windows with two locks and keepers for snug fit and durability.



Each slider window operating lift-out sash features two sets of solid-brass tandem rollers to ensure effortless window operation (far left).

The positive action lock (PAL) ensures easy operation. A simple movement of the locking tab allows the sash to move freely; the PAL system locks automatically when the window is closed (middle).

Double sliders feature sash vent stops that allow fresh air ventilation (near left).





CASEMENT WINDOWS

ICONIC CRAFTSMANSHIP WITH TRANSFORMATIVE STYLE.





The refined craftsmanship of our casement windows masterfully combines a strong, weathertight construction with beautiful casement details, including a modern sash design and an easy-touch crank handle that gently glides the outward opening of the sash.

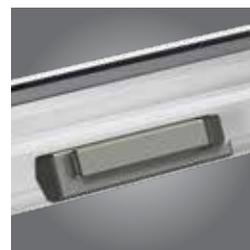
- Concealed powder-coated steel hinges open 90 degrees (on windows 16" wide or more); exterior glass is easy to clean from inside the home.
- Heavy-duty operating crank handle offers easy, one-hand operation even on larger windows.
- Multipoint locks handle up to 500 lbs. per lock point* for added resistance to forced entry; stainless steel rollers ensure smooth locking.
- Spring bottom-loaded screen design (no pins or tabs) for a snug fit and easy removal and replacement from the interior.
- Handle colour options include White, Black and Brushed Nickel.



Slim, single-lever lock handle for a modern look.



Functional and durable powder-coated steel operating mechanism.



Attractive fold-down handle with nesting cover.

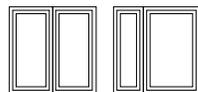


Multipoint locking system provides positive locking and added protection along the entire window jamb.

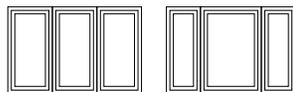
STRUCTURAL T-MULL CASEMENT WINDOWS

Sleek and strong, our enhanced seamless T-mull design sits flush with the frame for a clean, modern aesthetic. The structural mullion attaches directly to the rough opening, delivering increased strength and stability to the finished installation, even for larger window sizes.

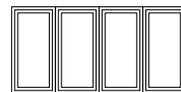
2-LITE T-MULL



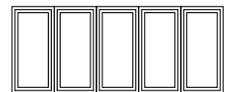
3-LITE T-MULL



4-LITE T-MULL



5-LITE T-MULL



*Application dependent. Force load capacity per lock point.

AWNING WINDOWS

FORM AND FUNCTIONALITY IN PERFECT MEASURE.

With its modern sash design, the versatile awning window enhances any room with timeless style and refreshing ventilation. Opening up and out with a convenient crank handle, awning windows pair beautifully with picture windows or architectural shapes.

- Precision-engineered powder-coated steel hinge system allows easy operation of the sash.
- Heavy-duty operating crank handle offers easy, one-hand operation even on larger windows.
- Multipoint locks handle up to 500 lbs. per lock point* for added resistance to forced entry; stainless steel rollers ensure smooth locking. (Multiple lock points on awnings over 32" in height.)
- Spring bottom-loaded screen design (no pins or tabs) for a snug fit and easy removal and replacement from the interior.
- Handle colour options include White, Black and Brushed Nickel.



Dual slim jamb locks seal the window tight.



Heavy-duty powder-coated steel operating hardware.



Attractive fold-down handle with nesting cover.



Dual-point locking system on each side of the window for added comfort.

STRUCTURAL T-MULL AWNING WINDOWS

Awning windows also are available in 2-lite T-mull vertical configurations with a seamless T-mull design for enhanced aesthetics. The structural mullion attaches directly to the rough opening, delivering increased strength and stability to the finished installation, even for larger window sizes.

2-LITE T-MULL



*Application dependent. Force load capacity per lock point.





PICTURE AND ARCHITECTURAL SHAPE WINDOWS

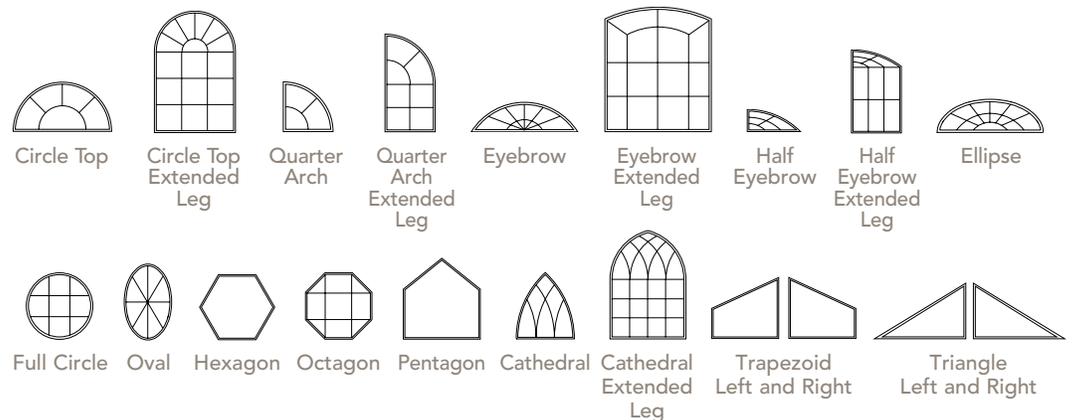
WHERE SUPERB STRENGTH MEETS LUMINOUS LIGHT.





Whether you want to create a dramatic wall of glass or a distinctive element of style – our picture and architectural shape windows will achieve visual excitement with custom appeal. Each window is superbly crafted for enduring beauty and performance to shield your home from inclement weather while infusing the interior with the welcoming ambiance of natural light.

- Narrowline frame with fusion-welded corners for enhanced style and strength.
- Embedded, multichambered construction creates airtight insulating compartments to help prevent energy loss and increase structural integrity.
- Combine with awning windows to add ventilation to a larger window group.



CREATE CUSTOM STYLE WITH BEAUTIFUL DETAILS.

Gentek windows offer a variety of frame colours and decorative options. Frame colours are available in Bright White, with the colour formulated throughout the extruded vinyl sashes and mainframe for long-lasting beauty. Or customize the exterior of your windows with high-performance Armour Guard™ Black coating technology or one of our 20 standard paint colours. Window interiors are extruded Bright White or an optional Black painted interior finish.⁴

Bright White – extruded	Black AGB	Almond 532	Cream 492	Maize 502
Canyon Clay 510	Wicker 538	Brownstone 571	Pebble 559	Dark Drift 557
Sable 547	Espresso 5P3	Commercial Brown 562	Chestnut Brown 554	Dover Gray 536
Storm 570	Slate 523	Windswept Smoke 506	Graphite 5P5	Iron Ore 5P6

ARMOUR GUARD BLACK EXTERIOR TECHNOLOGY

Our Armour Guard black window coating features an ultra-durable finish that's 7x harder than standard paint. The innovative formula's lower heat absorption rate helps ensure fade resiliency even in hot, sunny climates for a premium appearance.



CUSTOM PAINT COLOURS

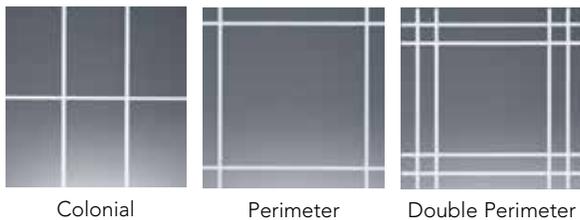
Gentek windows can be factory painted to match any of Gentek's exterior trim colours, allowing you to achieve a truly upscale appearance for your home. The interior colour is extruded Bright White, or choose an optional Black painted interior finish.⁴



INTERIOR GRIDS

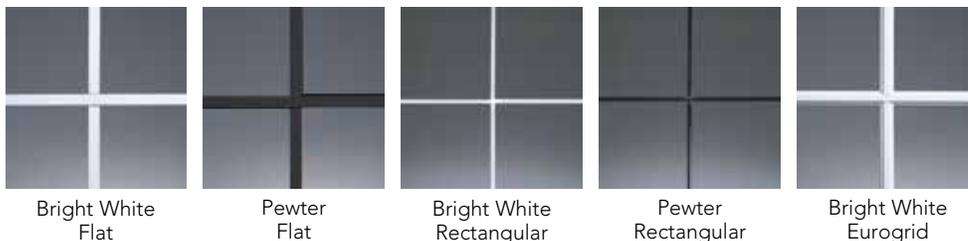
Interior grids will further enhance the appearance of your windows. Flat and Rectangular grids are available in Bright White and Pewter. All grids are enclosed within the insulated glass unit for easy cleaning. Please see your dealer for specific options.

GRID PATTERNS



Decorative Grid Pattern Options: Colonial, Perimeter and Double Perimeter grid patterns are available in Flat and Rectangular grids.

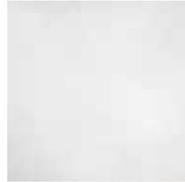
GRID PROFILES



Painted Grids: Flat painted grid exteriors are available in Commercial Brown, Pebble, Maize, Black, Wicker, Sandalwood, Chestnut Brown, Storm, Windswept Smoke, Sable, Sandstone and Iron Ore. (Grid interior colour is Bright White.)

PRIVACY GLASS OPTIONS

Obscure or opaque-looking glass offers privacy for bathrooms and other areas while allowing an infusion of natural light. Choose from our three glass designs.



Obscure



Niagara



Gluechip

SIMULATED DIVIDED LITES

Available in 3/4" and 2" widths in Bright White and our full selection of painted colours. (Interior colour is Bright White.)



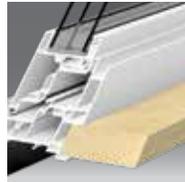
3/4"



2"

JAMB EXTENSIONS

Jamb extensions will help your vinyl window fit the wall depth, creating a clean, finished look. Available in pine, pre-primed paint-grade, composite or vinyl-clad wood options.



Pine



Pre-Primed



Composite



Vinyl-Clad

DRYWALL/WOOD RETURNS

Drywall and wood returns will be built into the frame providing for a snug fit between the window and the drywall or wood. Fits with 1/2" or 3/4" sizes.*



FACTORY-INSTALLED WELDED BRICKMOULD

Choose from a variety of factory-installed welded brickmould to ensure a beautiful, durable and highly efficient frame exterior with installation ease. For casements, a 1-1/4" integrated brickmould option is available.



Zero Brickmould – No Fin



3/8" Brickmould – No Fin



1-1/4" Brickmould with Fin (No Fin Available)



1-1/4" Brickmould with J-Trim and Fin



1-1/4" Integrated Brickmould (Casement Only)



2" Renovation Brickmould – No Fin



2" Brickmould with Fin (No Fin Available)



3-1/2" Brickmould with Fin

*With the brickmould exterior option and an interior clad jamb extension, the overall depth can be increased to 13-3/8".

GENTEK WINDOW COLLECTION

SUPERIOR QUALITY AND COMFORT FOR YOUR HOME.

Learn more about our Gentek Window Collection at [gentek.ca](https://www.gentek.ca).



1001 Corporate Drive | Burlington, ON L7L 5V5
[gentek.ca](https://www.gentek.ca) | *Make us a part of your home.*



¹See your Gentek Sales Representative for additional information regarding any questions you might have, or any assertions herein, concerning energy efficiency or savings. Energy savings will vary. Energy savings assume proper installation and use. Not all products are ENERGY STAR-certified. ²For a copy of the written product warranty please visit www.gentek.ca/support/warranty/ or contact your Gentek Sales Representative. Limited warranty does not apply to damage caused by faulty or improper installation, or causes outside of Gentek's control. ³Insulated glass (IG) units with capillary tubes will be air filled, will not contain argon or krypton fill, and may have different performance values than standard argon or krypton fill. ⁴Optional black painted interior finish is available for casement, awning, special shape and picture windows only; the finish is not covered by the Gentek Window Collection warranty. ⁵Sashes on larger slider windows may be difficult to lift out due to weight. Colours and glass images may be slightly different from their appearance in this brochure. Make final colour and glass selections using actual product samples. All specifications and designs subject to change without notice. Due to product changes, improvements and other factors, Gentek reserves the right to change or delete information contained herein without prior notice. **WARNING:** Screen will not stop child from falling out of window; keep child away from open window. The only purpose of the screen is to help reduce infiltration of insects. Trademarks mentioned in this document are the property of Gentek Building Products Company, its affiliates, or their respective owners. Super Spacer® is a registered trademark of Quanex IG Systems, Inc., a subsidiary of Quanex Building Products Corporation. ENERGY STAR logo reproduced with permission of the Minister of Natural Resources Canada, 2004. Accessible formats and communication supports available upon request.

