



SIGNATURE[®] ELITE

HIGH-PERFORMANCE
VINYL WINDOWS

A NEW LEVEL OF QUALITY AND STYLE.

Quality and Style

 GENTEK[®]



OUR WINDOWS. YOUR PEACE OF MIND.

Visually exciting and powerfully built, Gentek windows will dramatically heighten the style and comfort of your home. Equally important, they will deliver true peace of mind that you have chosen a high-performance window from a respected manufacturer. Pride in our products and "Made in the U.S.A." craftsmanship are at the heart of our commitment to quality. It's what makes our windows among the best in the industry and our service second to none.



Gentek windows are custom-made 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®





SIGNATURE® ELITE

HIGH-PERFORMANCE VINYL WINDOWS

Newly refined with fresh looks and exceptional energy efficiency—Signature Elite is everything you’re looking for in a quality replacement window, and more. The upscale design and attention to detail expertly merge with best-in-class technology for enduring beauty, superior energy savings, easy upkeep and excellent value.

A VALUE-RICH INVESTMENT

Eye-catching curb appeal, increased energy efficiency and minimal maintenance are three strong amenities that can improve the value of your home. Beautiful, quality-crafted replacement windows will enhance your home’s exterior as well as the interior décor. In most cases, you can expect to recover more than half of the cost of your replacement windows when it’s time to sell.*

GREENER AND CLEANER FOR TODAY AND TOMORROW

Conserving energy, reducing waste and recycling materials are just a few ways we can all work together to leave a smaller environmental footprint. As good neighbors to each other and the earth, today’s homeowners are happily choosing green.

Gentek proudly offers a wide variety of eco-friendly products. Our Signature Elite windows are precision-engineered to deliver superior energy efficiency and help reduce the consumption of fossil fuels needed for heating and cooling homes. As a recyclable material, all in-plant vinyl scrap is reused for other products, further reducing the volume and environmental impact of waste. Vinyl windows and patio doors also boast a long service life and typically weigh less than other substrate window products, requiring less energy consumption during transportation.**

*The national average of the cost recouped for vinyl replacement windows is over 70% for midrange and upscale projects, according to *Remodeling* magazine’s “2013 Cost vs. Value Report.”

**The Vinyl Institute. U.S. EPA Inventory of Sources of Dioxin and Dioxin-Like Compounds.





BroadView™
NARROWLINE FRAME AND SASH

Impressive strength, refined construction and an expanded glass area are beautifully presented in this narrowline frame and sash. And while BroadView's low-profile elegance captures your attention, embedded chambers are hard at work, increasing energy efficiency, rigidity and durability.



Fortress™
SECURE LOCKING SYSTEM

Fortress is the champion of peace of mind. The positive end-of-throw cam shifting lock creates a powerful locking system that seals the sash tightly closed. Fortress' well-designed hardware also features an indicator that lets you know if your windows are not locked.



CoreTec™
COMPOSITE REINFORCEMENT

CoreTec further enhances thermal performance at the meeting rails. The non-conductive composite reinforcement reduces the transfer of energy, while also allowing for secure mounting of hardware.¹



Traverse™
TELESCOPING SILL

This innovative telescoping sill dam provides triple benefits: increased structural stability, greater protection from air and water infiltration, and enhanced beauty. It marries strength and style with advanced window technology.



Gradient™
TRUE SLOPED SILL

Both the form and functionality of Gradient work in tandem to deliver a highly effective drainage system. Gradient's smooth surface and true sloped sill promptly direct water runoff without the use of weep holes² to help keep the exterior window attractive.



LinkSync™
SASH-TO-SILL INTERLOCK

Increased strength and resistance to bowing during high winds is achieved with our LinkSync sash-to-sill interlock. The concealed channel nests the sash into the sill to create a wall of resistance to whatever Mother Nature dishes out.



DuraFit™
SCREEN BULB SEAL

This smartly designed compression bulb seal blocks unsightly light penetration between the screen and window frame and helps keep insects out. DuraFit also provides for easier screen installation and removal.³

¹Double hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 78" high.

²For larger size windows or to meet specific DP/PG ratings, optional weeps/performance package must be ordered.

³Available only with the full screen option.



ADDITIONAL FEATURES

- Fusion-welded mainframe and sash corners for superior strength, tight corners and a beautiful finished look
- Optional foam-enhanced mainframe further increases energy efficiency
- Multi-chambered construction creates airtight insulating spaces for greater thermal protection and durability
- Dual-pane, double-strength insulating glass increases energy efficiency
- Protective, multi-layer weatherstripping improves energy efficiency
- Beveled interior frame adds dimension for a refined appearance
- Dual vent stops offer limited and convenient opening of the window for ventilation
- Hidden screen track creates a clean-line design for enhanced visual appeal; half screens are standard, optional full screens are available***

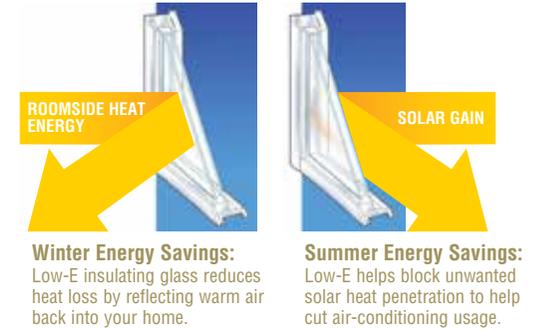
***Full screens are standard on exterior color-finished windows.

TRADEMARK STYLE WITH SIMPLE UPKEEP

Season after season, year after year, Signature Elite windows will maintain their classic beauty despite exposure to the elements. The premium vinyl construction won't rot, split, corrode or pit like painted wood windows and won't swell or warp from exposure to moisture. Durable and strong, your windows will beautifully withstand everyday wear and tear and require minimal upkeep.

CONSERVE MORE ENERGY WITH INSULATED GLASS

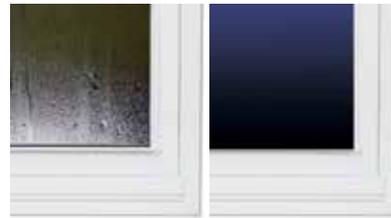
For most homeowners, lowering fuel costs for heating and cooling is a key motivation for purchasing new windows. Windows are roughly 80% glass, so it's important to choose the best glass system for your home and specific climate conditions. Signature Elite windows are built with a dual-pane insulating glass unit with double-strength glass. Upgrading your windows with a Low-E (low-emissivity) glass system* will further optimize the overall energy efficiency. Low-E glass features a virtually clear, metallic coating that acts as a thermal mirror to help keep warm air in during the winter and solar heat out during the summer. Low-E also helps block damaging UV rays that can cause carpets and furnishings to fade.



Signature Elite windows are available with two different glass package families to let you customize your windows' performance:

- **BarrierXP** combines insulating Low-E glass, argon gas and the Intercept® Warm-Edge Spacer System.
- **BarrierXP ThermD** features insulating Low-E glass, argon gas and a stainless steel Intercept Warm-Edge Spacer System for even greater energy savings.

BARRIERXP THERMD WITH STAINLESS STEEL INTERCEPT SPACER FOR INCREASED STRENGTH



The spacer system in your window provides two important functions: stabilizing the panes of glass and enhancing energy efficiency. BarrierXP ThermD's Intercept spacer delivers maximum power with its stainless steel alloy and patented U-shaped design. Recognized for its unequaled strength, durability and resistance to corrosion, stainless steel is also impervious to gas transmission, which improves insulating gas retention in the window unit and increases its thermal performance. The stainless steel spacer also is designed to withstand effects of temperature changes with flex and low stress on the sealant bond, thus preventing seal failure.

Prevent Condensation BarrierXP ThermD's stainless steel Intercept spacer with moisture vapor barrier is stronger by design and better at retaining insulating gas compared to traditional box metal spacers. The patented U-shaped design helps prevent the transfer of heat at the edge of the glass to reduce condensation which can damage woodwork and draperies.

DID YOU KNOW that an average household spends more than 40% of its annual energy budget on heating and cooling costs? Signature Elite windows are available with a variety of BarrierXP glass packages that can be tailored to your home and area of the country.

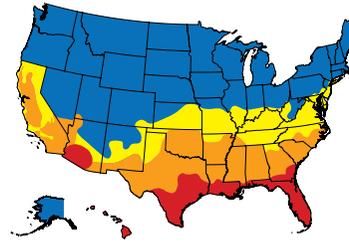




SIGNATURE ELITE MEETS FUTURE ENERGY STAR® REQUIREMENTS TODAY

Superior quality with outstanding affordability—Signature Elite achieves triple-pane energy-saving performance in a dual-pane unit that meets or exceeds stringent ENERGY STAR requirements. The dual-pane unit with double-strength insulated glass, energy-engineered frame and sash and non-conductive composite reinforcements combine in a thermally optimized construction to ensure excellent energy efficiency.

Signature Elite windows and Gentek patio doors are available with a variety of glass options. Please consult your window professional to help you choose the best glass package to meet the ENERGY STAR requirements for your home and climate zone.



- Northern
- North-Central
- South-Central
- Southern

Signature Elite windows and Gentek patio doors are available with a variety of glass options. Your Gentek Sales Representative can help you choose the ideal glass package to meet the ENERGY STAR requirements for your home and climate zone.

CUSTOMIZE YOUR WINDOWS' PERFORMANCE

When determining the best glass package for your windows, you'll want to consider the specific weather challenges facing your home. The chart below makes it easy to compare the glass performance and tailor the window to meet your needs. The lower the U-Factor, 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.

Thermal Performance⁴ Comparison

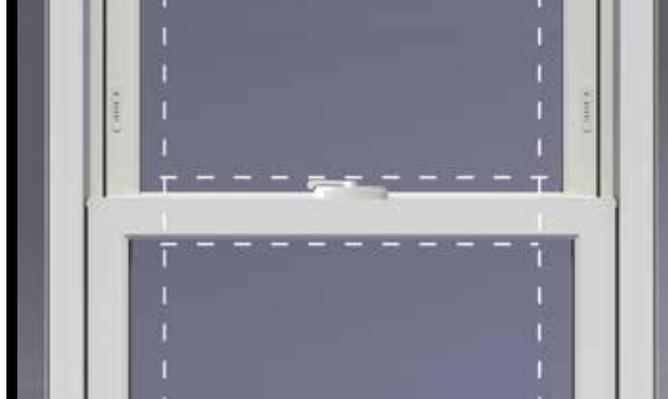
	Double Hung		Sliding	
	U-Factor	SHGC	U-Factor	SHGC
Clear Glass	0.46	0.59	0.45	0.57
BarrierXP	0.29	0.30	0.28	0.30
BarrierXPsc	0.28	0.21	0.28	0.20
BarrierXP iE	0.28	0.30	0.28	0.30
BarrierXP ThermD	0.28	0.30	0.27	0.30
BarrierXPsc ThermD	0.27	0.21	0.27	0.20
BarrierXP ThermD iE	0.27	0.30	0.26	0.30

⁴Whole window values are based on double-strength glass, standard Signature Elite offering with composite reinforcements. ST and HP performance values are also available.

Glass Package Terminology

- Clear Glass:** Double-paned clear glass unit.
- BarrierXP:** Double-paned unit with one pane of Low-E glass, argon gas and standard Intercept spacer.
- BarrierXPsc:** Double-paned unit with one pane of Low-E SHGC glass, argon gas and standard Intercept spacer.
- BarrierXP iE:** Double-paned unit with one pane of Low-E glass, argon gas and standard Intercept spacer, along with insulation-enhanced mainframe.
- BarrierXP ThermD:** Double-paned unit with one pane of Low-E glass, argon gas and stainless steel Intercept spacer.
- BarrierXPsc ThermD:** Double-paned unit with one pane of Low-E SHGC glass, argon gas and stainless steel Intercept spacer.
- BarrierXP ThermD iE:** Double-paned unit with one pane of Low-E glass, argon gas and stainless steel Intercept spacer, along with insulation-enhanced mainframe.

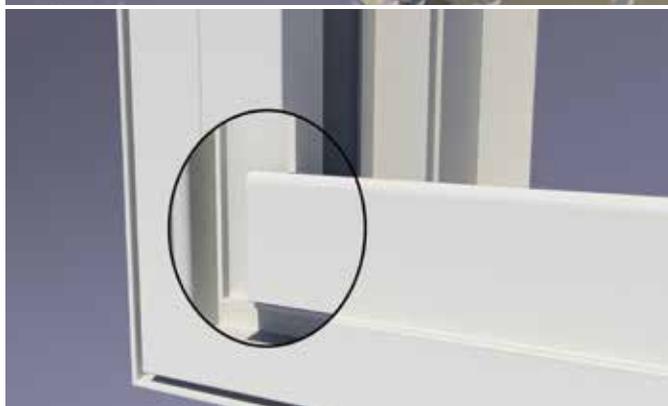




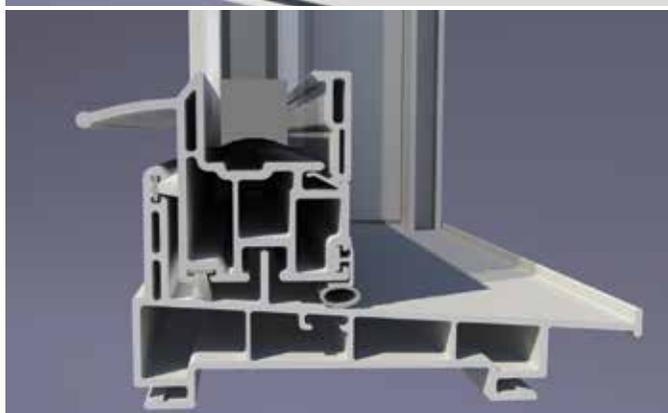
BroadView—the name alone takes you to the heart of this exciting design feature. The expanded glass area offers maximum daylighting and outdoor viewing, while also giving your interior a lighter, more spacious ambiance. The narrowline frame and sash convey contemporary styling, yet provide increased strength and insulating performance with a network of internal chambering.



A pleasing design rain or shine! Beautifully constructed without the need for weep holes,² the true sloped sill drains water quickly to prevent buildup of moisture or debris. But there's more to Gradient than its sleek, clean aesthetics. Combined with the LinkSync sash-to-sill interlock, Gradient also increases structural stability and protection from inclement weather.



To appreciate the performance significance of Traverse, you must go behind the scene of its stylish, neatly built appearance. Here you will see the concealed telescoping construction that fortifies the sill dam, making it stronger and more effective at blocking air and water infiltration.



When the wind picks up, no need to worry. Inside the framework of the sill, we've built a channel that interlocks with the sash, increasing its control against extreme winds. Traditional sloped sill designs can allow the sash to bow from wind pressure. Weather-defying LinkSync marries the sash to the window frame for greater strength and insulating defense against energy loss.

WINDOW STYLES

Classic, contemporary, urban or rural—you'll find the perfect window to complement your home. Signature Elite features a versatile collection of styles, sizes and configurations to let you design your ideal window system.



Heavy-duty lock and keeper seals the window firmly closed for added comfort and energy efficiency.



Dual vent stops allow for limited opening of the window for ventilation.



DOUBLE HUNG

Double hung windows create a fresh appearance while simplifying the upkeep of your home. The refined detailing of the low-profile sash and mainframe convey casual elegance with crisp corners and traditional appeal, while the integrated energy-saving construction protects your home with a strong and durable shield.

A widely popular choice, double hung windows are especially notable for their easy-care, easy-clean functionality. No need to struggle with ladders to reach the exterior glass. Both sashes tilt in to allow convenient cleaning of the window from inside your home.



Combine our FoxWood interior woodgrain finish and contoured grids in a top-only Colonial pattern for custom beauty.

⁵Double hung base model will automatically be upgraded to ST (steel reinforcement) for all units ordered in excess of 48" wide or 78" high.

- Fusion-welded mainframe and sash corners increase strength and create a clean, neat appearance
- High-performance insulated glass unit with double-strength glass and warm-edge spacer system increases energy efficiency and longevity
- Integrated, multi-chambered construction provides insulating air spaces for increased energy efficiency and durability
- Sash-to-sill nested interlock increases strength to prevent the sash from bowing in extreme winds
- Non-conductive, composite reinforcement in the meeting rails improves energy efficiency and allows for secure mounting of hardware⁵
- True sloped sill drains water quickly to the exterior to help prevent build up of moisture or debris
- DuraLift™ block and tackle balance system ensures years of easy, smooth operation of the sashes
- Hidden screen track creates a clean-line appearance for enhanced aesthetic appeal



Double hung windows are easy to clean! Both sashes tilt in for convenient access from inside your home.

SLIDING

The bonus here is wide-open viewing. Sliding windows offer a large, unobstructed glass area that lets you enjoy the beauty of outdoors from every angle. Expertly crafted slimline sashes glide horizontally for smooth operation and lift out for easy cleaning. You'll appreciate the attractive style and modern practicality of your sliding windows from day one.

A three-lite window is adorned with contoured grids in the end units for enhanced architectural detail.



- Fusion-welded mainframe and sash corners increase strength and create a clean, neat appearance
- High-performance insulated glass unit with double-strength glass and warm-edge spacer system increases energy efficiency and longevity
- Integrated, multi-chambered construction provides insulating air spaces for increased energy efficiency and durability
- Non-conductive, composite reinforcement in the meeting rails improves energy efficiency and allows for secure mounting of hardware
- Nylon-encased dual brass roller system ensures effortless operation of the sashes
- Hidden screen track creates a clean-line appearance for enhanced aesthetic appeal

This two-lite sliding window features a single Prairie grid pattern for a subtle touch of style.

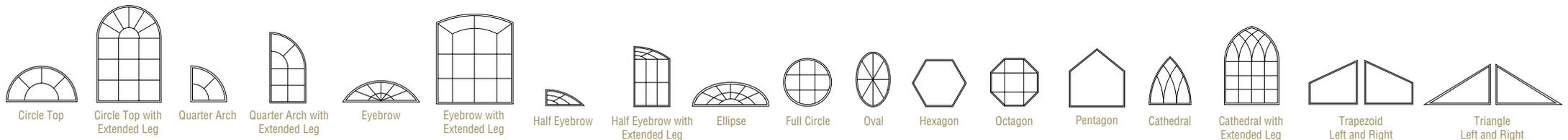




PICTURE AND SPECIAL SHAPES

Signature Elite picture windows and special architectural shapes inspire creativity and excitement in transforming your home. Picture windows can be used alone or combined with special shapes to create a dramatic window focal point. In any size or shape, you can be assured of enduring beauty and weathertight protection for your home.

- Insulated glass unit with double-strength glass and warm-edge spacer system provides superior thermal protection and longevity
- Narrowline frame features fusion-welded corners for enhanced style, strength and energy efficiency
- Embedded, multi-chambered construction creates airtight insulating compartments for increased thermal performance and strength





CASEMENT AND AWNING



Casement and awning windows seamlessly blend traditional elegance with state-of-the-art technology. An updated slimline style enhances the charming appeal with an easy-touch crank handle in low-profile nesting hardware. Smooth and reliable operation of the sash is assured, with casement windows gently opening outward and awning windows opening up and out.

CASEMENT

- Beveled exterior sash provides an attractive finish while creating the appearance of a larger glass area
- Step-down frame with compression-type inner bulb seal achieves a tight seal during inclement weather
- Precision-engineered hinge system offers multi-directional ventilation and allows sash cleaning from inside the home
- Positive crank mechanism ensures easy operation when opening and closing the sash
- Multiple lite configurations available in a single mainframe
- Combine casements and fixed lites to create a larger window design with an expanded outdoor view

AWNING

- Beveled exterior sash imparts style and dimension while creating the appearance of a larger glass area
- Precision-engineered hinge system allows easy operation from inside the home
- Dual-point locking system provides a tight seal and increased energy efficiency
- Multiple lite configurations available in a single mainframe
- Combine awning windows with fixed lites to conveniently add ventilation

BAY, BOW AND GARDEN

Quality and artistic detail are revealed in our handsome collection of bay, bow and garden windows. Bay and bow windows add a deeper dimension to the interior while also enriching the curb appeal of your home.

Garden windows create a magic all of their own, hosting blooming flowers, fresh herbs and the pleasure of gardening all year long.

Avonite Seatboard Options



Cameo

Dusk

Beach

Sandstone

Mesa Brown

Black Lava

BAY AND BOW

- Head, seatboard and jamb construction are standard in 1-1/4" furniture-grade veneer
- Head and seatboard are finished in Oak or Birch veneers and ready for painting or staining**
- 3" pre-insulated seatboard option helps increase energy savings
- Choose from a variety of beautiful finishes and colors
- Exterior roof system available with optional copper or painted aluminum roof clad kits

GARDEN

- Generous 17" seatboard depth
- Heavy-duty, fusion-welded mainframe provides superior strength
- Sloped top insulating glass panel is tempered for added durability and integrity
- Clear 1" thick insulated glass unit provides all-weather protection
- End casements are fully screened to allow fresh air in while keeping insects out
- Multi-point locking system for a tighter seal and added comfort
- Available with white screens and white hardware only



SLIDING PATIO DOORS

The true test of a quality patio door is its performance. A strong, durable and weathertight construction must merge perfectly with beautiful aesthetics. From the design and engineering to the finished installation, our doors are built to not only create a welcoming entry but provide flawless operation.

You'll appreciate the smooth and reliable gliding action of the moving panel and screen, along with the tight seal that shields your home from inclement weather. The large insulated glass unit creates a generous infusion of natural light and the feeling of an expanded living area while providing year-round thermal protection. Choose from three masterfully crafted styles in Classic, Contemporary and French.



- High-performance vinyl construction is colored through and through—won't chip, peel, crack or warp and never needs to be painted
- Heavy-duty mainframe and sash feature a double-wall design and multi-chambered construction for outstanding structural integrity and energy efficiency
- Steel reinforcements at the interlocks and lock rails increase strength and rigidity
- 1" thick insulated glass unit with warm-edge spacer system provides year-round energy savings
- Precision-engineered tandem roller system ensures quiet and easy operation of the door panel
- Available in a variety of solid colors, woodgrain options (excluding White Woodgrain), hardware finishes and grid patterns
- Choose from a 2-panel style in 5', 6', 8' and Wisconsin-style widths; 3-panel styles in 9' and 12' widths; and a 4-panel style in a 12' width with center panels that open to each side
- Heavy-duty extruded aluminum screen features four adjustable rollers for smooth sliding action
- ENERGY STAR qualified BarrierXP insulated glass package options

Our Classic door features 5" rails and a clean-line design for timeless style.

CONTEMPORARY

Sleek and symmetrical 3" rails maximize the glass area of the Contemporary sliding patio door.



FRENCH

Featuring a 5" top rail, 7" bottom rail and 3" side rail, our French-style sliding patio door combines authentic French door appeal with floor space-saving practicality.



Add the perfect finishing touch to your patio door with one of our attractive handle selections. Classic and Contemporary door handles feature a popular thumb latch design. The French-style door handle is contoured and includes a top lock. Both are offered in six interior finishes; exterior color choices are White, Beige and Black.

CLASSIC AND CONTEMPORARY PATIO DOOR HANDLES



FRENCH-STYLE PATIO DOOR HANDLES





PORTFOLIO® COLOR COLLECTION

Our Portfolio Color Collection will change the way you think about your windows. The rich architectural exterior colors inspire a higher level of visual appeal and custom-crafted beauty, while interior finishes in warm woodgrains further enhance your home's interior décor.

The high-performance exterior hues are achieved with a cutting-edge polyurethane coating technology incorporating heat-reflective pigments to ensure a remarkably strong, fade-resistant and highly weatherable finish that's easy to clean. Our interior woodgrain laminate finishes are precision-engineered for outstanding durability that maintains its attractive appearance over the life of the product. Together, this innovative design collection delivers the perfect fusion of style and strength.



EXTERIOR PALETTE



Architectural Bronze



Desert Clay



English Red



Hudson Khaki



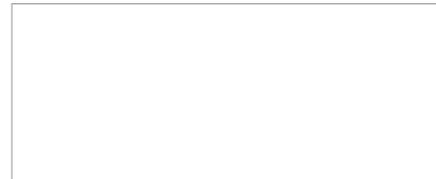
Forest Green



Castle Gray



American Terra



White*



Beige*

INTERIOR PALETTE



White Woodgrain**



Soft Maple Woodgrain



Rich Maple Woodgrain



Light Oak Woodgrain



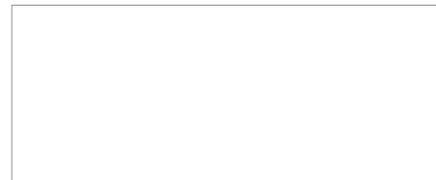
Dark Oak Woodgrain



FoxWood Woodgrain



Cherry Woodgrain



White*



Beige*

*Extruded solid color.

**White Woodgrain is available with a Beige base only; White Woodgrain is not available for 6400 Series patio doors.

White and Beige windows will have matching interior hardware. Windows ordered with a Soft Maple, Rich Maple, Light Oak or Dark Oak interior will receive Pontiac Gold hardware. Windows ordered with a FoxWood or Cherry interior will receive Brown hardware.

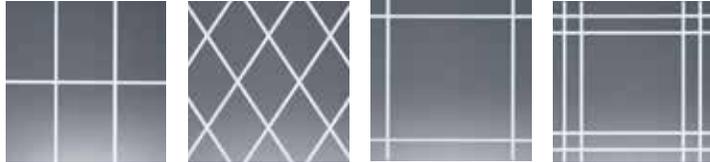
DECORATIVE OPTIONS



INTERIOR GRIDS

Grids are a simple yet stylish way to add personality to your windows. All grids are enclosed within the insulated glass unit for easy cleaning. First, select your preferred grid pattern and then choose a grid profile to achieve the desired finished look.

Grid Patterns



Colonial

Diamond

Prairie

Double Prairie

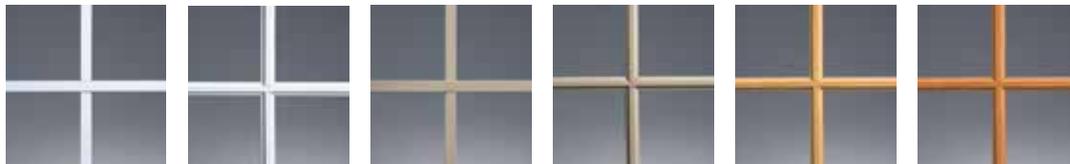
Decorative Grid Patterns:

Colonial—available in Classic and Contoured grids

Diamond—available in Classic grids

Prairie and Double Prairie—available in Classic and Contoured grids

Grid Profiles



Classic White

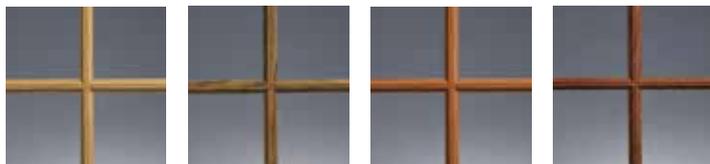
Contoured White

Classic Beige

Contoured Beige

Contoured Soft Maple

Contoured Rich Maple



Contoured Light Oak

Contoured Dark Oak

Contoured FoxWood

Contoured Cherry

V-GROOVED CUT GLASS

V-grooved cut glass imparts the perfect touch of elegance without obstructing the view. Choose one of our timeless glass patterns to customize your windows and patio doors.



Colonial

Diamond

Prairie

Double Prairie



StarCrest

StarCrest II

StarCrest III

Quality First
SUPERIOR MATERIALS AND EXCEPTIONAL CRAFTSMANSHIP—
SIGNATURE ELITE MAKES A "QUALITY FIRST" IMPRESSION

A LIFETIME OF PROTECTION

Signature Elite windows carry a lifetime limited warranty—your assurance of lasting performance and genuine value. In addition, Portfolio Color Collection exterior finishes carry a 10 year fade-resistance warranty rider. For complete warranty information, including limitations, ask your dealer for a copy of the Gentek replacement window warranty and the Portfolio Color Collection warranty rider.



GLASS BREAKAGE WARRANTY

For added protection, ask your dealer about our optional glass breakage warranty.



For a complete list of air, water and structural performance results, as well as specific code approvals, visit www.gentekwindows.net.



P.O. Box 110 • Akron, Ohio 44309
www.GentekInc.com

Make us a part of your home.



The Gold Certification is AAMA's most stringent level of testing for thermal performance, as well as resistance to air leakage, water penetration and wind pressure.



[†]Insulated glass (IG) units that require capillary tubes may experience some argon gas depletion. ^{††}It is imperative that your new bay or bow window is sealed and finished properly within the first 30 days after installation. Failure to properly finish and seal all of the wood components may cause the wood to fade, swell, warp, or develop other defects that would not be covered under your normal product warranty. Colors are reproduced by lithographic process and may vary slightly from colors of actual product. 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 window. Keep child away from open window. The only purpose of the screen is to minimize infiltration of insects. Intercept is a registered trademark of PPG Industries. ENERGY STAR name and logo are registered U.S. marks and are owned by the U.S. government. Avonite Surfaces is a trademark brand of Aristech Acrylics LLC. USGBC and related logo is a trademark owned by the U.S. Green Building Council and is used by permission.