



Product Guide





ViWinTech Windows & Doors manufactures high-quality, energy-efficient vinyl window and door solutions for new construction and renovation projects. When you choose ViWinTech, you can have it all: great looks, exceptional performance, and a great price point. All ViWinTech products are built to withstand fading and improve efficiency while providing a stylish look that blends effortlessly into any build.

The ViWinTech family of products not only adds value and efficiency at a great price point, but it is also built for manufactured homes, pole barns, sheds, garages and out buildings, so style and function can blend seamlessly throughout your property.



•New Construction Windows

•Replacement Windows

•Patio Doors

Stylish & Energy Efficient

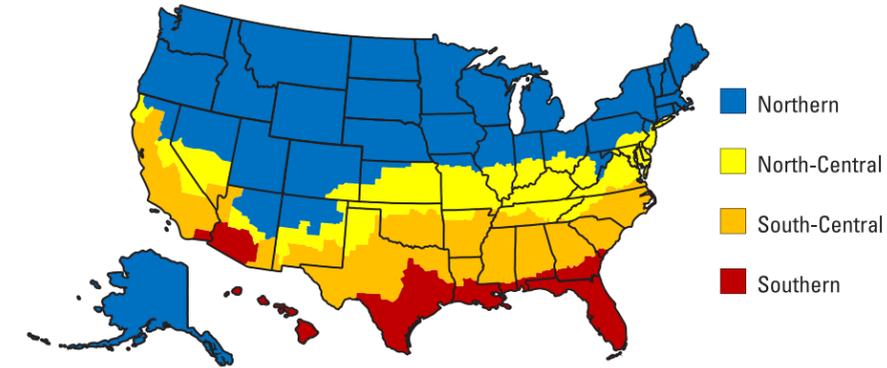
- Fully welded frame and sash corners assure strength, durability, and years of trouble-free service in the home.
- 3/4" Emax plus® with double strength insulating glass for added protection and performance.
- Designer composite cam locks and keepers provide security and performance that exceeds metal. Certified Child Safe lead-free locks.
- Positive interlock at meeting rail for added security and structural integrity.
- Time-tested maintenance-free constant force coil balances designed for years of smooth, easy sash operation and never need adjustment.
- Patented frame design includes a sloped sill that assures water run-off.
- Molded-In sash lift rail for easy operation.
- Double Strength Glass Standard
- SuperSpacer® Warm Edge Glass Spacer System.
- ENERGY STAR compliant in all regions of the U.S.



*specs for the ViWinTech 6000 model



Energy Star Certified



ViWinTech vinyl windows are the perfect energy efficient option for your new construction or home remodel. Both our new construction and replacement windows can be configured to meet the energy efficiency requirements for your region.



ViWinTech windows can be Energy Star® rated for all regions of the U.S. providing superior comfort and energy savings. Our vinyl window technology maximizes comfort and minimizes heating & cooling costs by keeping heat where you want it regardless of the climate or season.

Emax® High Performance Glass System

By combining warm edge technology (SuperSpacer®) with Emax Plus® High Performance glass, your windows are able to resist moisture from condensation. And less moisture means less potential for mold and mildew around your windows. These advances in glass technology and spacer systems offer you a clearer view to your world. Get better insulating value with our Emax® and Emax Plus® high performance glass.

Warm Edge Technology

Poorly insulated windows can account for up to 25% of a home's heating and cooling costs. That's why it's important to know what kind of glass and spacer materials your windows use. Traditional aluminum spacers conduct heat and cold, wasting energy. To fix that, the industry developed "warm edge" spacers—materials that transfer less heat or cold at the edge of the glass. Most perform better than aluminum, but many still contain metal, which is highly conductive. Super Spacer goes further. It's metal-free, keeping your windows more energy-efficient and helping prevent condensation for years to come. Condensation tends to form first at the glass edge, where insulation is weakest and temperatures are coldest. With a standard cold-edge spacer, you can see condensation even at just 15% indoor humidity when it's 0°F outside. Switching to Super Spacer greatly improves the glass's thermal efficiency, so you can keep your home's humidity higher without worrying about moisture on the glass.

Glass Glossary

Emax® Glass

Emax® High Performance Glass is a specially formulated, Low-E clear double-coating on the interior surface of your window's insulating glass unit. This coating blocks heat radiation by reflecting light and heat energy back at its source.

Advanced Emax® Glass

Our Advanced Emax® Performance Glass is the ultimate choice for energy-savings and year-round comfort, no matter where you are. Advanced Emax® Performance Glass sports the same specially formulated, Low-E coating as our standard Emax® glass, but is triple coated for superior protection in southern climates, where solar heat gain is more of an issue.

Emax 4®

Our Emax 4 glass is specially designed to withstand the cold from Northern regions. Sporting our time-tested Low-E coating, Emax 4 glass offers you the same energy savings technology, no matter the climate.

Energy Star

Which glass is right for you? That all depends on where you are. Your region determines your window options for things like tax rebates.

Argon fill

Argon fill is an industry-standard gas fill used between the panes of insulated glass units. Unlike air, argon gas enhances soundproofing and, most importantly, doesn't retain moisture, leading to a more impressive thermal performance rating and reduced condensation on your interior window pane.

Intercept® Stainless Steel Spacer System

The Intercept® Stainless Steel Spacer System is designed to keep your window unit's argon fill between each glass pane for as long as possible. Less argon escapes, more heat stays inside and more savings find their way into your pocket.

The Intercept® spacer system was built for durability and long-lasting performance. Its metal, U-Shaped design is flexible enough to move with your window and strong enough to keep your window seal as airtight as possible. This spacer looks good, is strong enough for the tightest of seals and keeps homeowners' long-term energy savings steady for years to come.

SuperSpacer® Warm Edge Glass System

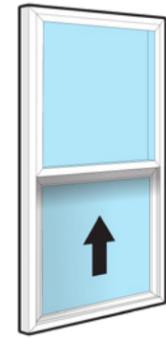
Most window units use a metal spacer bar to separate the interior and exterior glass panes. Indoor heat escapes through your window's metal frame. Cool air slips into your home and energy savings literally fly out the window.

The SuperSpacer® Warm Edge Glass System's 100% foam design keeps outside temperatures out and indoor temperatures in. The SuperSpacer® bounces back against winds, temperature fluctuation, rain, snow and UV light, while always returning to its original shape. On top of all of that, this technology withstands the industry's toughest durability test - the PI Chamber: 140-degree Fahrenheit temperatures, 100 percent humidity and constant UV bombardment.

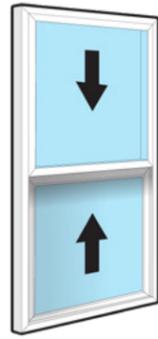


ViWinTech Window Styles

Style Options:



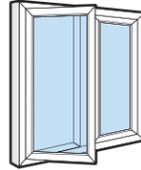
SINGLE HUNG



DOUBLE HUNG



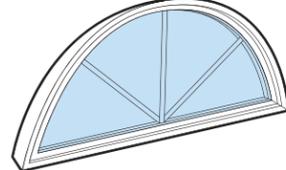
AWNING



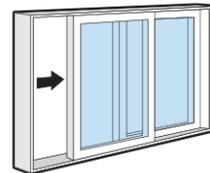
CASEMENT



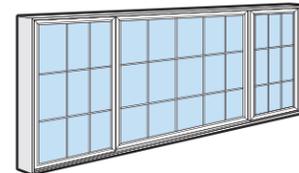
PICTURE



GEOMETRIC SHAPES



SINGLE GLIDER



3-LITE GLIDER



ColorTech Exterior Heat Reflective Coatings



BRONZE



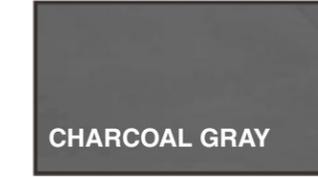
TAN



BLACK



CLAY



CHARCOAL GRAY

* Actual Color samples available upon request.

ViWinTech offers five exterior color options for our vinyl windows and patio doors. ViWinTech's ColorTech™ heat reflective coating is a water-based paint that provides a long-lasting color solution that's heat reflective, impact resistant and environmentally friendly while providing excellent color/gloss retention designed to resist fading.



Interior Color Options (Same for Locks):



WHITE



TAN



CLAY



OAK



CHERRY

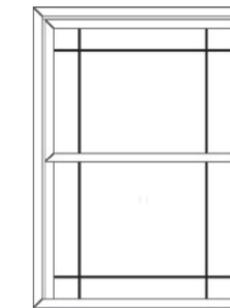
* Actual Color samples available upon request.

* Woodgrain Laminate 6000 Series Only

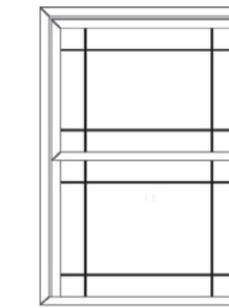
Grille and Grid Options:

- Flat 5/8"
- Contour 3/4" (Painted Product N/A)
- Vintage Grille (SDL) 7/8"
- 6 Lite Prairie
- 9 Lite Prairie

*Painted Product grids available with white interior only



6 LITE PRAIRIE



9 LITE PRAIRIE



Flat 5/8"



Contour 3/4"



Vintage Grille (SDL)
7/8"

Replacement Windows

ViWinTech's replacement window options can match the style you want with the efficiency you need. Our line of replacement windows come in three different tiers that are fully customizable with five ColorTech™ color options, can be customized to meet Energy Star requirements in all U.S. climate zones and are warrantied against rotting, rusting, cracking, warping, pitting, corroding, peeling, blistering and color failure.

We have a variety of excellent window solutions sure to bring new life to your project double-strength glass standard. Before you get started on your home remodel, ask about the benefits of choosing ViWinTech Vinyl Replacement Windows!





1000 Series

Our 1000 Series is our most affordable replacement window option available. This standard replacement window has a 3” frame and is available in both single and double hung. It features the Intercept® Warm Edge Glass Spacer System for added strength and durability, and to prevent moisture buildup that can lead to condensation. The patented frame design features a sloped sill to allow for maximum water run-off to help protect the window. Standard extruded colors: White, tan, and clay.



1000 Fixed Window								
Spacer Type	Super Spacer with Argon							Specifically for the Northern Climate Zone
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.29	0.29	0.28	0.28	0.24	0.24	0.25	N/A
SHGC	0.30	0.27	0.22	0.20	0.22	0.20	0.50	N/A
VT	0.56	0.50	0.52	0.46	0.50	0.45	0.45	N/A
CR	61	61	61	61	48	48	48	N/A

2000 Series

The 2000 Series is ViWinTech’s intermediate replacement window option, aimed at being a higher quality, yet budget-friendly solution. It has a 3.25” frame and is available in double hung. Our 2000 Series includes fiberglass mesh screens and features the Intercept® Stainless Steel Spacer System, which adds strength and durability while preventing moisture buildup. Standard extruded colors: White and tan.

2000 / 6000 Fixed Window								
Spacer Type	Super Spacer with Argon							Specifically for the Northern Climate Zone
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89	
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.27	0.27	0.27	0.27	0.23	0.23	0.24	0.25
SHGC	0.30	0.27	0.22	0.20	0.22	0.20	0.50	0.50
VT	0.56	0.50	0.52	0.46	0.50	0.45	0.45	0.41
CR	60	60	61	61	48	48	48	48

6000 Series

Our 6000 Series window is our superior replacement window option. It has a 3.25” frame and is available in double hung. The double strength glass measures 3 mm thick and is covered by our Limited Lifetime Non-Prorated Glass Warranty standard. The 6000 features the SuperSpacer® Warm Edge Glass System, providing thermal performance, durability, mold prevention, and sound absorption. Standard extruded colors: White and tan.



Note: All replacement windows feature Double Strength Glass as Standard.

Replacement Window Performance Data

1000 Series

1000 Double Hung																
Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone		Super Spacer with Argon						Specifically for the Northern Climate Zone	
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.29	0.29	0.29	0.29	0.25	0.25	N/A	N/A	0.28	0.28	0.28	0.28	0.24	0.24	0.26	N/A
SHGC	0.29	0.26	0.21	0.19	0.21	0.19	N/A	N/A	0.29	0.26	0.21	0.19	0.21	0.19	0.48	N/A
VT	0.54	0.48	0.50	0.44	0.49	0.43	N/A	N/A	0.54	0.48	0.50	0.44	0.49	0.43	0.45	N/A
CR	55	55	56	56	45	45	N/A	N/A	56	56	44	44	43	43	42	N/A

1000 Single Hung																
Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone		Super Spacer with Argon						Specifically for the Northern Climate Zone	
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.30	0.30	0.30	0.30	0.21	0.19	N/A	N/A	0.29	0.28	0.29	0.29	0.21	0.27	0.26	N/A
SHGC	0.29	0.26	0.21	0.19	0.26	0.26	N/A	N/A	0.29	0.26	0.21	0.19	0.25	0.45	0.49	N/A
VT	0.54	0.48	0.50	0.45	0.49	0.44	N/A	N/A	0.54	0.48	0.50	0.45	0.49	0.45	0.45	N/A
CR	55	55	56	56	47	47	N/A	N/A	59	59	59	59	47	47	56	N/A

1000 Single Glider																
Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone		Super Spacer with Argon						Specifically for the Northern Climate Zone	
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.30	0.30	0.30	0.30	0.26	0.26	N/A	N/A	0.29	0.29	0.29	0.29	0.26	0.25	0.26	N/A
SHGC	0.29	0.26	0.21	0.19	0.21	0.19	N/A	N/A	0.29	0.26	0.21	0.19	0.49	0.19	0.49	N/A
VT	0.54	0.48	0.50	0.45	0.49	0.44	N/A	N/A	0.54	0.48	0.50	0.45	0.45	0.44	0.45	N/A
CR	55	55	56	56	45	45	N/A	N/A	59	59	59	59	48	48	56	N/A

Note: Contact manufacturer for specific test information. SHGC=Solar Heat Gain Co-efficient, VT=Visual Transmittance, CR=Condensation Resistance.

2000 Series

2000 Double Hung																
Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone				Super Spacer with Argon				Specifically for the Northern Climate Zone	
	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
LoE Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.29	0.29	0.29	0.29	0.25	0.25	N/A	N/A	0.28	0.28	0.28	0.28	0.24	0.24	0.26	N/A
SHGC	0.28	0.26	0.21	0.19	0.21	0.19	N/A	N/A	0.28	0.26	0.21	0.19	0.21	0.19	0.48	N/A
VT	0.53	0.48	0.49	0.44	0.48	0.43	N/A	N/A	0.53	0.48	0.49	0.44	0.48	0.43	0.45	N/A
CR	52	52	55	55	44	44	N/A	N/A	58	58	55	55	47	47	42	N/A

2000 Double Glider																
Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone				Super Spacer with Argon				Specifically for the Northern Climate Zone	
	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
LoE Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.30	0.30	0.30	0.30	0.26	0.26	N/A	N/A	0.30	0.30	0.30	0.30	0.26	0.26	N/A	N/A
SHGC	0.28	0.25	0.21	0.19	0.20	0.18	N/A	N/A	0.28	0.25	0.21	0.19	0.20	0.18	N/A	N/A
VT	0.52	0.46	0.48	0.42	0.47	0.41	N/A	N/A	0.52	0.46	0.48	0.42	0.47	0.41	N/A	N/A
CR	55	55	55	55	44	44	N/A	N/A	55	55	59	59	47	47	N/A	N/A

6000 Series

6000 Ultra Double Hung								
Spacer Type	Super Spacer with Argon						Specifically for the Northern Climate Zone	
	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
LoE Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.29	0.29	0.29	0.29	0.25	0.25	0.26	N/A
SHGC	0.28	0.25	0.21	0.19	0.20	0.18	0.48	N/A
VT	0.52	0.46	0.48	0.42	0.47	0.41	0.45	N/A
CR	54	54	55	55	44	44	42	N/A

6000 Ultra Double Glider								
Spacer Type	Super Spacer with Argon						Specifically for the Northern Climate Zone	
	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
LoE Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.29	0.29	0.29	0.29	0.25	0.25	N/A	N/A
SHGC	0.28	0.25	0.21	0.19	0.20	0.18	N/A	N/A
VT	0.52	0.46	0.48	0.42	0.47	0.41	N/A	N/A
CR	55	55	59	59	47	47	N/A	N/A



Note: Contact manufacturer for specific test information. SHGC=Solar Heat Gain Co-efficient, VT=Visual Transmittance, CR=Condensation Resistance.

New Construction Windows

From our standard single and double hung windows to beautiful picture and bay windows, to our new ThruBlack window, we have the perfect vinyl window for your new construction project. ViWinTech's new construction window options come customizable with color, grid and glass options and can be customized to meet Energy Star requirements in all U.S. climate zones. All new construction windows are warranted against rotting, rusting, cracking, warping, pitting, corroding, peeling, blistering and color failure, and have double-strength glass standard.

Choosing ViWinTech windows for your new construction project is the right choice to keep your project on time and under budget without having to sacrifice looks or quality. We produce high quality, energy efficient vinyl windows that come in many different styles, colors and are loaded with features.



THRUBLACK

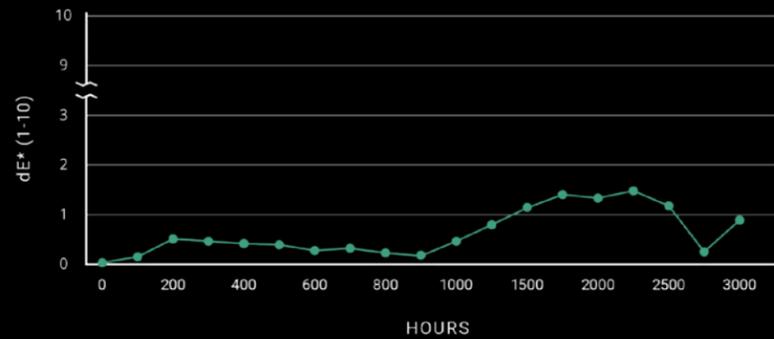
BY VIWINTECH®
WINDOWS & DOORS

ThruBlack by ViWinTech is an advanced through-color technology that delivers rich, consistent color inside and out and is engineered to maintain its depth and appearance over time. This revolutionary all-black vinyl solution is now available across select products including the 1150 series window and our Grand Vista Traditional Sliding door.

ThruBlack by ViWinTech has been lab tested, proving to uphold the same energy-efficient performance standards as our other vinyl products, and is built to withstand weathering without fading or sacrificing durability.

Made with eco-friendly ingredients that allow manufacturing scrap to be repurposed, ThruBlack supports a low-waste, sustainable production process while maintaining the strength and efficiency you expect. Whether you're selecting windows or doors, ThruBlack technology provides a truly black aesthetic at a price point that makes high-end design more attainable.

ThruBlack QUV ACCELERATED WEATHER TESTING





2100 Series *Beveled Profile*

The 2100 Series is our superior new construction window option. It features a beveled exterior with constant force balance and a fully welded 3" frame and sash corners for added strength and durability. Available in single and double hung options. Standard extruded colors: White, tan, and clay.

2100 Fixed Window								
Spacer Type	Super Spacer with Argon						Specifically for the Northern Climate Zone	
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ²)		E-Max* (LoE ²) & I-89		LoE 180 & I-89	
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.29	0.29	0.28	0.28	0.24	0.24	0.25	N/A
SHGC	0.30	0.27	0.22	0.20	0.22	0.20	0.50	N/A
VT	0.56	0.50	0.52	0.46	0.50	0.45	0.45	N/A
CR	61	61	61	61	48	48	48	N/A



ThruBlack *BrickMould Profile*

ThruBlack by ViWinTech is our advanced through-color technology, delivering a rich, all-black vinyl finish inside and out. Lab tested to maintain the same energy-efficient performance as our standard vinyl windows, ThruBlack is engineered to withstand weathering while preserving its deep, consistent color over time. Available in single hung, glider, 3-lite glider, picture, and geometric styles, these windows feature a brick mould exterior, block and tackle balance system, and a fully welded 2 7/8" frame, combining bold design with dependable performance.

1150 Fixed Window								
Spacer Type	Super Spacer with Argon						Specifically for the Northern Climate Zone	
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ²)		E-Max* (LoE ²) & I-89		LoE 180 & I-89	
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.27	0.27	0.27	0.27	0.23	0.23	N/A	N/A
SHGC	0.31	0.28	0.23	0.21	0.23	0.21	N/A	N/A
VT	0.58	0.52	0.54	0.48	0.53	0.47	N/A	N/A
CR	62	62	62	62	49	49	N/A	N/A



1150 Series *BrickMould Profile*

The 1150 Series is our most standard and affordable window option for new construction projects. It has a brick mould exterior with block & tackle balance. It features a fully welded 2 7/8" frame and sash corners for added strength and security, and a sloped sill for maximum water run-off. The 1150 is available in single hung, glider, 3-lite glider, picture window, and geometric shape styles. Standard extruded colors: White, tan, and clay.

1250 Series

The 1250 series has a slimline block frame with block & tackle balance. It features a fully welded 2 3/4" frame and sash corners for added strength and security, and a sloped sill for maximum water run-off. It is available in single hung, glider, 3-lite glider, picture window, and geometric shape styles and features double strength glass standard. Standard extruded colors: White, tan, and clay.



New Construction Window Performance Data

1150 Series

1150 Single Hung

Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone		Super Spacer with Argon						Specifically for the Northern Climate Zone	
	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
LoE Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
	U-Factor	0.31	0.31	0.31	0.31	0.26	0.26	N/A	N/A	0.30	0.30	0.29	0.29	0.25	0.25	N/A
SHGC	0.30	0.27	0.22	0.20	0.22	0.20	N/A	N/A	0.30	0.27	0.22	0.20	0.22	0.20	N/A	N/A
VT	0.55	0.49	0.51	0.45	0.50	0.44	N/A	N/A	0.55	0.49	0.51	0.45	0.50	0.44	N/A	N/A
CR	55	55	55	55	44	44	N/A	N/A	59	59	59	59	47	47	N/A	N/A

1150 Single Glider

Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone		Super Spacer with Argon						Specifically for the Northern Climate Zone	
	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
LoE Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
	U-Factor	0.31	0.31	0.31	0.31	0.26	0.26	N/A	N/A	0.30	0.30	0.29	0.29	0.25	0.25	N/A
SHGC	0.29	0.27	0.22	0.20	0.22	0.20	N/A	N/A	0.29	0.27	0.22	0.20	0.22	0.20	N/A	N/A
VT	0.55	0.49	0.51	0.45	0.50	0.44	N/A	N/A	0.55	0.49	0.51	0.45	0.50	0.44	N/A	N/A
CR	57	57	57	57	46	46	N/A	N/A	61	61	61	61	50	50	N/A	N/A

Note: Contact manufacturer for specific test information. SHGC=Solar Heat Gain Co-efficient, VT=Visual Transmittance, CR=Condensation Resistance.



2100 Series

2100 Single Hung

Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone		Super Spacer with Argon						Specifically for the Northern Climate Zone	
	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
LoE Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
	U-Factor	0.30	0.30	0.30	0.30	0.21	0.19	N/A	N/A	0.29	0.28	0.29	0.29	0.21	0.27	0.26
SHGC	0.29	0.26	0.21	0.19	0.26	0.26	N/A	N/A	0.29	0.26	0.21	0.19	0.25	0.45	0.49	N/A
VT	0.54	0.48	0.50	0.45	0.49	0.44	N/A	N/A	0.54	0.48	0.50	0.45	0.49	0.45	0.45	N/A
CR	55	55	56	56	47	47	N/A	N/A	59	59	59	59	47	47	42	N/A

2100 Double Hung

Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone		Super Spacer with Argon						Specifically for the Northern Climate Zone	
	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
LoE Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
	U-Factor	0.29	0.29	0.29	0.29	0.25	0.25	N/A	N/A	0.28	0.28	0.28	0.28	0.24	0.24	0.26
SHGC	0.29	0.26	0.21	0.19	0.21	0.19	N/A	N/A	0.29	0.26	0.21	0.19	0.21	0.19	0.48	N/A
VT	0.54	0.48	0.50	0.44	0.49	0.43	N/A	N/A	0.54	0.48	0.50	0.44	0.49	0.43	0.45	N/A
CR	55	55	56	56	45	45	N/A	N/A	56	56	44	44	43	43	42	N/A

2100 Single Glider

Spacer Type	Intercept with Argon						Specifically for the Northern Climate Zone		Super Spacer with Argon						Specifically for the Northern Climate Zone	
	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE180 & I-89		E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ³) & I-89		LoE 180 & I-89	
LoE Type	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
	U-Factor	0.30	0.30	0.30	0.30	0.26	0.26	N/A	N/A	0.29	0.29	0.29	0.29	0.26	0.25	0.26
SHGC	0.29	0.26	0.21	0.19	0.21	0.19	N/A	N/A	0.29	0.26	0.21	0.19	0.49	0.19	0.49	N/A
VT	0.54	0.48	0.50	0.45	0.49	0.44	N/A	N/A	0.54	0.48	0.50	0.45	0.45	0.44	0.45	N/A
CR	55	55	56	56	45	45	N/A	N/A	59	59	59	59	48	48	56	N/A

Note: Contact manufacturer for specific test information. SHGC=Solar Heat Gain Co-efficient, VT=Visual Transmittance, CR=Condensation Resistance.

2100 Series Window Sizes

Single Hung

Rough Opening *	20"	24"	28"	30"	32"	36"	40"	44"	48"
Unit Size	19 1/2"	23 1/2"	27 1/2"	29 1/2"	31 1/2"	35 1/2"	39 1/2"	43 1/2"	47 1/2"
36"	SH2036	SH2436	SH2836	SH3036	SH3236	SH3636	SH4036	SH4436	SH4836
44"	SH2044	SH2444	SH2844	SH3044	SH3244	SH3644	SH4044	SH4444	SH4844
48"	SH2048	SH2448	SH2848	SH3048	SH3248	SH3648	SH4048	SH4448	SH4848
52"	SH2052	SH2452	SH2852	SH3052	SH3252	SH3652	SH4052	SH4452	SH4852
60"	SH2060	SH2460	SH2860	SH3060	SH3260	SH3660	SH4060	SH4460	SH4860
63"	SH2063	SH2463	SH2863	SH3063	SH3263	SH3663	SH4063	SH4463	SH4863
66"	SH2066	SH2466	SH2866	SH3066	SH3266	SH3666	SH4066	SH4466	SH4866
72****	SH2072	SH2472	SH2872	SH3072	SH3272	SH3672	SH4072	SH4472	SH4872

Callout Sizes:

Callout sizes are expressed in inches and equal rough opening.
 * For multiple units, add the rough opening sizes together, do not allow for mullion. (Example: twin 24x36 = 48x36 R.O.)
 ** Visible glass width of the upper fixed lite is equal to the visible glass width of the lower sash. SH2100 only.

2100 SH OPTIONS

Grilles:

Flat and Contour between the glass as well as Simulated Divided Lite (SOL) Vintage Grilles are available in all 2100 windows, both standard and custom sizes.

Glazing:

Glazing options include Emax® and Emax plus® high performance glass, including tinted, obscure glass and tempered glass.

Colors:

2100 windows standard PVC colors include White, Tan and Clay with a variety of optional exterior colors available.

Screens:

Half screens (SH, SG) Full (DH) with fiberglass mesh and color coordinated aluminum frames are standard. Aluminum mesh and aluminum extruded frames are an available option.

Mullions:

2100 windows can be mullied in the factory or on-site using the appropriate fasteners. Call your distributor for details.

■ Meets egress of:
 Clear openable area ≥ 5.0 sq.ft.
 Clear openable width ≥ 20"
 Clear openable height ≥ 24"

■ Meets egress of:
 Clear openable area ≥ 5.7 sq.ft.
 Clear openable width ≥ 20"
 Clear openable height ≥ 24"

2100 Series Window Sizes

Double Hung

Rough Opening *	20"	24"	28"	30"	32"	36"	40"	44"	48"
Unit Size	19 1/2"	23 1/2"	27 1/2"	29 1/2"	31 1/2"	35 1/2"	39 1/2"	43 1/2"	47 1/2"
36"	DH2036	DH2436	DH2836	DH3036	DH3236	DH3636	DH4036	DH4436	DH4836
44"	DH2044	DH2444	DH2844	DH3044	DH3244	DH3644	DH4044	DH4444	DH4844
48"	DH2048	DH2448	DH2848	DH3048	DH3248	DH3648	DH4048	DH4448	DH4848
53"	DH2052	DH2452	DH2852	DH3052	DH3252	DH3652	DH4052	DH4452	DH4852
60"	DH2060	DH2460	DH2860	DH3060	DH3260	DH3660	DH4060E	DH4460	DH4860
66"	DH2066	DH2466	DH2866	DH3066	DH3266	DH3666E	DH4066	DH4466	DH4866
72"	DH2072	DH2472	DH2872	DH3072	DH3272	DH3672	DH4072	DH4472	DH4872

Callout Sizes:

Callout sizes are expressed in inches and equal rough opening.
 * For multiple units, add the rough opening sizes together, do not allow for mullion. (Example: twin 24x36 = 48x36 R.O.)
 ** Visible glass width of the upper fixed lite is equal to the visible glass width of the lower sash. SH2100 only.

2100 DH OPTIONS

Grilles:

Flat and Contour between the glass as well as Simulated Divided Lite (SOL) Vintage Grilles are available in all 2100 windows, both standard and custom sizes.

Glazing:

Glazing options include Emax® and Emax plus® high performance glass, including tinted, obscure glass and tempered glass.

Colors:

2100 windows standard PVC colors include White, Tan and Clay with a variety of optional exterior colors available.

Screens:

Half screens (SH, SG) Full (DH) with fiberglass mesh and color coordinated aluminum frames are standard. Aluminum mesh and aluminum extruded frames are an available option.

Mullions:

2100 windows can be mullied in the factory or on-site using the appropriate fasteners. Call your distributor for details.

■ Meets egress of:
 Clear openable area ≥ 5.0 sq.ft.
 Clear openable width ≥ 20"
 Clear openable height ≥ 24"

■ Meets egress of:
 Clear openable area ≥ 5.7 sq.ft.
 Clear openable width ≥ 20"
 Clear openable height ≥ 24"

■ The DH3666 and DH4060 window will not meet egress unless the egress hardware option is specified when ordering.

2100 Series Window Sizes

Picture Window

Rough Opening *	12"	20"	24"	28"	30"	32"	36"	40"	44"	48"	52"	60"	66"	72"
Unit Size	11 1/2"	19 1/2"	23 1/2"	27 1/2"	31 1/2"	31 1/2"	35 1/2"	39 1/2"	43 1/2"	47 1/2"	51 1/2"	59 1/2"	65 1/2"	71 1/2"
36"														
44"														
48"														
52"														
60"														
63"														
66"														
72"														

(T) Any Picture window over 30 square feet or exceeding 80" in any one direction requires tempered glass. Please price unit(s) accordingly.

Single Glider

Rough Opening *	24"	36"	48"	52"	60"	72"
Unit Size	23 1/2"	35 1/2"	47 1/2"	51 1/2"	59 1/2"	71 1/2"
24"						
36"						
42"						
48"						
60"						

Callout sizes are expressed in inches and equal rough opening.
 XO is standard as viewed from outside.
 OX is available as a special order.
 X = Operable
 O = Stationary

* For multiple units, add the rough opening sizes together, do not allow for mullion. (Example: twin 24x36 = 48x36 R.O.)

- Meets egress of:
 Clear openable area ≤ 5.7sq.ft.
 Clear openable width ≤ 20"
 Clear openable height ≤ 24"
- Meets egress of:
 Clear openable area ≤ 5.0sq.ft.
 Clear openable width ≤ 20"
 Clear openable height ≤ 24"

1150 Series Window Sizes

Single Hung

Rough Opening *	20"	24"	28"	30"	32"	36"	40"	44"	48"
Unit Size	19 1/2"	23 1/2"	27 1/2"	29 1/2"	31 1/2"	35 1/2"	39 1/2"	43 1/2"	47 1/2"
36"									
44"									
48"									
52"									
60"									
66"									
72"									

Callout Sizes:

Callout sizes are expressed in inches and equal rough opening.
 * For multiple units, add the rough opening sizes together, do not allow for mullion. (Example: twin 24x36 = 48x36 R.O.)

1150 SH OPTIONS

Grilles:

Flat between the glass grilles are available in all 1150 Windows, both standard and custom sizes.

Glazing:

Glazing options include Emax®, Emax Advanced, tinted, obscure glass and tempered glass.

Colors:

1150 Windows Standard PVC colors include White, Tan, Clay and ThruBlack with a variety of optional exterior colors available.

Screens:

Half screens with fiberglass mesh and color coordinated aluminum frames are standard. Aluminum mesh is available.

Mullions:

1150 Windows can be mullied in the factory or on-site using the appropriate fasteners. Call your distributor for details.

- Meets egress of:
 Clear openable area ≥ 5.7 sq.ft.
 Clear openable width ≥ 20"
 Clear openable height ≥ 24"

For New Construction & Replacement



Casement/Awning

ViWinTech Casement and Awning Windows feature the SuperSpacer® Warm Edge Glass System, providing maximum thermal performance and added durability. The SuperSpacer® glass lasted five times longer in durability tests versus single-seal units. Our Casement and Awning Windows feature watertight seals and are built to withstand extreme temperatures. Each window features a 3 1/4" overall frame size, and a nesting handle that folds in when not in use.

Casement / Awning Window								
Spacer Type	Super Spacer with Argon						Specifically for the Northern Climate Zone	
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ³)		E-Max* (LoE ²) & I-89		LoE 180 & I-89	
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids
U-Factor	0.27	0.28	0.27	0.28	0.24	0.25	N/A	N/A
SHGC	0.26	0.24	0.19	0.18	0.20	0.17	N/A	N/A
VT	0.48	0.43	0.44	0.40	0.43	0.39	N/A	N/A
CR	60	60	60	60	48	48	N/A	N/A

Note: Contact manufacturer for specific test information.
SHGC=Solar Heat Gain Co-efficient, VT=Visual Transmittance, CR=Condensation Resistance.



Bay & Bow

ViWinTech also offers Bay and Bow Window options for your home. Available in white or tan with multiple configurations of the 2000 or casement series. A maximum width of 120" is available, along with an optional PVC panning system with extra protection against water infiltration.



Specialty

If your window project requires an odd shape, we can accommodate that with our Specialty Windows. Our Specialty Windows can be made in any shape. We can also design windows to fit other shapes such as irregular rectangle sizes, trapezoids and parallelograms. You can ask your nearest distributor about shape and sizing options.

Warranty Information



We have earned our reputation through an ongoing commitment to superior products, quality and service. All of ViWinTech's windows and doors exceed the standards set by the American Architectural Manufacturer's Association, your independent assurance of quality.

Lifetime Limited Warranty:

Protects your windows against manufacturing defects for as long as you own your home.

Proven Stability:

Our name is known and respected in the building products industry, for manufacturing quality high performance vinyl windows and patio doors.

Service & Support:

Our network of dealers, distributors and service technicians are available to provide a prompt response to your needs.

NEW CONSTRUCTION	Vinyl	Hardware	Screen Frame	Glass 100%	Glass 75%	Glass 50%	Glass 25%	Stress Cracks	Lifetime Glass Breakage Warranty	WWT Color Coated Exterior
1150	Lifetime	2 Years	Lifetime	0-10 Years	N/A	11-20 Years	21-25 Years	1 Year	Optional	Non-Prorated 15 years
2100	Lifetime	2 Years	Lifetime	0-10 Years	N/A	11-20 Years	21-25 Years	1 Year	Optional	Non-Prorated 15 years
Patio Doors	Lifetime	2 Years	Lifetime	0-10 Years	N/A	N/A	11- Lifetime	1 Year	Optional	Non-Prorated 15 years
Casement & Awning	Lifetime	2 Years	Lifetime	0-10 Years	N/A	11-20 Years	21-25 Years	1 Year	Optional	Non-Prorated 15 years

REPLACEMENT	Vinyl	Hardware	Screen Frame	Glass 100%	Glass 75%	Glass 50%	Glass 25%	Stress Cracks	Lifetime Glass Breakage Warranty	WWT Color Coated Exterior
Casement & Awning	Lifetime	Lifetime	Lifetime	0-20 Years	21-50 Years	51-Lifetime	N/A	1 Year	Optional	Non-Prorated 15 years
6000	Lifetime	Lifetime	Lifetime	Lifetime	N/A	N/A	N/A	Lifetime	Standard	Non-Prorated 15 years
2000	Lifetime	Lifetime	Lifetime	0-20 Years	21-30 Years	31-50 Years	51-Lifetime	1 Year	Optional	Non-Prorated 15 years
1000	Lifetime	Lifetime	Lifetime	0-10 Years	11-30 Years	31-50 Years	51-Lifetime	1 Year	Optional	Non-Prorated 15 years

Vinyl Doors

ViWinTech's vinyl patio doors are the perfect energy efficient option for your new construction or home remodel. Each door comes built with the high quality craftsmanship you want with the function and style you need to enhance your view and take your home to the next level.

Grand Vista French Sliding Door

If you are looking for a simple patio door upgrade or a traditional look for your new build, the Grand Vista French Sliding Door is the perfect option. This door can be manufactured up to 8 feet tall and is available in up to four panels wide to create a breathtaking view with incredible natural light. The Grand Vista French Sliding Door meets or exceeds all AAMA and NWWDA standards.

Grand Vista Traditional Sliding Door

ViWinTech's Grand Vista Traditional Sliding Door features a multi-chambered frame, double weather stripping on the full-perimeter to ensure you keep the cool air inside during the summer and the warm air from escaping in the winter, and an easy rolling, no-jump screen with adjustable rollers and low-rise sill. Reversible prior to install.



Grand Vista Traditional Sliding Door in ThruBlack

You can now get ViWinTech's Traditional Sliding Door in ThruBlack, our advanced through-color technology that delivers a rich, truly black vinyl finish inside and out. Lab tested to withstand the elements and maintain its deep color over time, ThruBlack offers the same dependable energy efficiency and performance as the Grand Vista Traditional Sliding Door, now with a bold new aesthetic.

Note: Contact manufacturer for specific test information. SHGC=Solar Heat Gain Co-efficient, VT=Visual Transmittance, CR=Condensation Resistance.



1100 French Grand Vista Door									
Spacer Type	Super Spacer with Argon							Specifically for the Northern Climate Zone	
LoE Type	E-Max* (LoE ²)		Advanced E-Max		E-Max* (LoE ²) & I-89		LoE 180 & I-89		
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	
U-Factor	0.29	0.29	0.28	0.28	0.25	0.25	N/A	0.29	
SHGC	0.26	0.23	0.19	0.17	0.19	0.17	N/A	0.43	
VT	0.49	0.42	0.45	0.39	0.44	0.38	N/A	0.35	
CR	45	45	45	45	45	45	N/A	45	

Traditional Grand Vista Door									
Spacer Type	Super Spacer with Argon							Specifically for the Northern Climate Zone	
LoE Type	E-Max* (LoE ²)		Advanced E-Max (LoE ²)		E-Max* (LoE ²) & I-89		LoE 180 & I-89		
	No Grids	Grids	No Grids	Grids	No Grids	Grids	No Grids	Grids	
U-Factor	0.28	0.28	0.27	0.27	0.23	0.25	0.24	0.25	
SHGC	0.30	0.27	0.23	0.20	0.22	0.20	0.51	0.46	
VT	0.57	0.50	0.53	0.46	0.52	0.45	0.50	0.46	
CR	58	58	59	59	47	47	58	58	

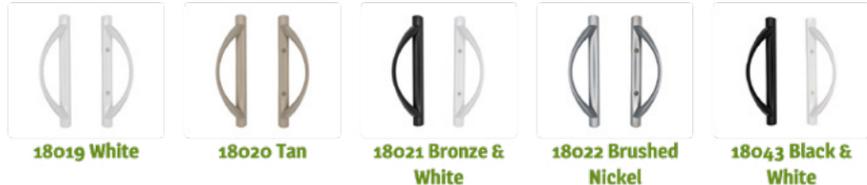


Grand Vista French Sliding Door

Multi-Point Latch - Lock



Single Point Latch



Dummy Handle



Handles & Hardware

Grand Vista Traditional Patio Door

Single Point Latch – Lock



Euro Handle – Lock



Single Point Latch



Euro Handle





ViWinTech.com

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