





Vinyl Replacement Windows Enhance Your Home's View (And Value) With One Of Our Replacement Window Options

High quality and energy efficient, our replacement window options can match the style you want with the efficiency you need. Before you get started on your home remodel, ask about the benefits of choosing ViWinTech Vinyl Replacement Windows!

We have a variety of excellent window solutions sure to bring new life to your project. Browse our selection of replacement windows below. Our vinyl replacement windows come available in many color options, grid options and glass options so you can customize your look to fit your home's new style.









6000 Series

6000 Series Window Features

- Fully welded frame and sash corners assures strength, durability, and years of trouble-free service in the home
- · Double strength glass
- Designer composite cam locks and keepers provide security and performance that exceeds metal. Certified Child Safe lead-free locks.
- 3/4" Emax plus® with double strength insulating glass
- 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 needs adjustment
- Patented frame design includes a sloped sill that assures water run-off
- · Molded-In sash lift rail for easy operation
- Balance covers, for a finished appearance
- Standard colors include white, tan, oak laminate and cherry laminate.
- Available in a variety of window styles and matching geometric shapes
- Limited Lifetime NON-PRORATED Glass warranty, Includes Glass Breakage*
- Extruded screen frame with no show screen spline
- BetterVue[™] screen mesh standard
- No upcharge option aluminum mesh
- $\bullet \ SuperSpacer @\ Warm\ Edge\ Glass\ Spacer\ System$
- ENERGY STAR compliant in all regions of the U.S.









Emax High Performance Glass System

Warm Edge Technology

Obscure

Poorly insulated windows can attribute up to 25 percent of a building's heating and cooling loads. As a homeowner, it is just as important to know what type of glass package (or glazing) is going into the window. The type of spacer material in your windows can make or break your investment.

In order to overcome the thermal inefficiency of conventional aluminum spacers, a new type of spacer product called warm edge technology has evolved in the industry. Warm edge refers to the type of spacer material used to separate the panes of glass (or glazing) in an insulated window unit. If the material conducts less heat or cold than a conventional aluminum spacer at the edge of the glass, it is said to be "warm-edge." Most of these newer spacers are less conductive and outperform pure aluminum. But there's still one small problem – they all contain some kind of metal. And metal is highly conductive. With Super Spacer your windows will remain thermally-efficient and condensation–free for many years to come.

Condensation occurs first around the window's edge – where the glass insulates least effectively and where surface temperatures are the coldest.

If a standard "cold edge" spacer exists and outside temperatures fall to o°F condensation will form on the glass edge even in homes with as little as 15% relative humidity. The solution to condensation formation on glass is to increase the thermal efficiency of the edge of the glass: the window' weak link. Substitute Super Spacer a superior warm edge spacer and the inside humidity can go substantially higher before condensation forms on the glass. The problem is virtually eliminated.

Emax Plus® High Performance Glass System

For maximum energy efficiency, savings and comfort, ViWinTech offers optional Emax Plus® glass standard on the Signature casement/awning series window line. Emax Plus® utilizes SuperSpacer® and a specially formulated invisible coating that is bonded to the interior surface of the insulating glass unit. This coating actually blocks long wave (heat) radiation by reflecting it back to its source. This specially formulated coating is coupled with an inert gas that provides additional insulating value to help slow down the transfer of heat from the outside in the summer or inside in the winter.

What does this mean to you? Energy savings. In the summer, the sun is high in the sky. Visible light from the sun strikes the earth and is converted to long wave heat radiation. Your home can actually absorb this heat radiation, even though the sun is not shining directly through the windows. Emax glass reflects this unwanted heat back outside, helping to reduce the load on your air conditioner, and also reduce your energy costs.

We reserve the right to change the products and/or specifications at any time without notice and assume no responsibility for use of outdated printed matter. All trademarks are the property of their respective owners. All Rights Reserved.



Conversely, in the winter, the sun is low in the sky. Visible sunlight passes easily through the Emax glass and is converted to long wave heat radiation inside your home. As these heat waves move toward the outside, they strike the Emax glass, and are reflected back inside your home, keeping your home warmer, reducing your heating costs.

The Emax coating blocks not only long wave radiation, but also effectively blocks ultraviolet radiation that can damage fabrics and carpets. Emax Plus® High Performance Glass System does all this, while still letting in plenty of natural unobscured daylight.

A Clear Choice

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.

A better insulating value (R-value/U-value) is realized when using either $Emax \circledR$ or $Emax \thickspace Plus \thickspace \varPsi$.

ViWinTech has Energy Star® rated windows for your area. Your Local Distributor will be able to get the proper information that you will need for Energy Star® certification.

		DOUBL	E HUNG		P	ICTURE W	INDOW/GE	0	DOUBLE/3 LITE GLIDER					
Spacer Type		Super	Spacer			Super	Spacer		SuperSpacer					
Low-E Type	E-Max (Low-e2) w/ Argon		Advanced E-Max (Low-e3) w/ Argon		E-Max (Low-e2) w/ Argon		Advanced E-Max (Low-e3) w/ Argon		E-Max (Low-e2) w/ Argon		Advanced E-Max (Low-e3) w/ Argon			
	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids		
U-Factor	0.29	0.29	0.29	0.29	0.27	0.27	0.27	0.27	0.29	0.29	0.29	0.29		
SHGC	0.27	0.25	0.20	0.19	0.30	0.27	0.22	0.20	0.28	0.25	0.21	0.19		
VT	0.52	0.46	0.48	0.42	0.56	0.50	0.52	0.46	0.52	0.46	0.48	0.43		
CR	58	58	58	58	60	60	61	61	59	59	59	59		

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

Grille Options Colors be available in certain models SOLID PVC Medium Cherry Flat 5/8" Vintage Grille (SDL) A variety of optional exterior Wood Grain colors available Glass **Emax®** Emax Plus® Tinted VIWINTECH.COM Tempered



2000 Series

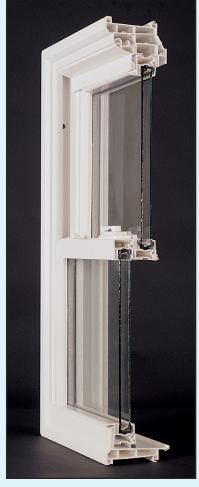
2000 Series Window Features

- Fully welded frame and sash corners assures strength, durability, and years of trouble-free service in the home
- Designer composite cam locks and keepers provide security and performance that exceeds Metal. Certified Child safe lead-free locks.
- 3/4" insulating glass
- Positive interlock at meeting rail for added security and structural integrity
- Heavy duty weatherstripping on frame and sash for protection against air and water infiltration
- Time tested maintenance free constant force coil balances designed for years of smooth, easy sash operation and never needs adjustment
- Patented frame design includes a sloped sill that assures water run-off
- · Molded-In sash lift rail for easy operation
- Beveled Exterior frame and unequal lite sashes for a traditional look
- Standard PVC colors include white and tan, with a variety of optional exterior colors available
- Available in a variety of window styles and matching geometric shapes
- · Fiberglass mesh screens
- Intercept® Warm Edge Glass Spacer System









Emax High Performance Glass System

Warm Edge Technology

Warm Edge Technology is a revolutionary patented system that helps increase the overall thermal efficiency of sealed insulating glass units. At the heart of the system is the Intercept® spacer system featuring a unique, one–piece tin–plated, U–channel design that creates an effective thermal barrier to help reduce conducted heat loss through the window.

Emax Plus® High Performance Glass System

For maximum energy efficiency, savings and comfort, ViWinTech offers Emax plus Glass.

What does this mean to you? Energy savings. In the summer, the sun is high in the sky. Visible light from the sun strikes the earth and is converted to long wave heat radiation. Your home can actually absorb this heat radiation, even though the sun is not shining directly through the windows. Emax glass reflects this unwanted heat back outside, helping to reduce the load on your air conditioner, and also reduce your energy costs.

Conversely, in the winter, the sun is low in the sky. Visible sunlight passes easily through the Emax glass and is converted to long wave heat radiation inside your home. As these heat waves move toward the outside, they strike the Emax glass, and are reflected back inside your home, keeping your home warmer, reducing your heating costs.

We reserve the right to change the products and/or specifications at any time without notice and assume no responsibility for use of outdated printed matter. All trademarks are the property of their respective owners. All Rights Reserved.



The Emax coating blocks not only long wave radiation, but also effectively blocks ultraviolet radiation that can damage fabrics and carpets. Emax High Performance Glass does all this, while still letting in plenty of natural unobscured daylight.

ViWinTech has Energy Star® rated windows for your area. Your Local Distributor will be able to get the proper information that you will need for Energy Star® certification.

		DOUBLE HUNG							PICTURE WINDOW/GEO				DOUBLE/3 LITE GLIDER							
Spacer Type	Intercept Super Spacer Only Available in the Hybrid Series					Series	SuperSpacer					Inter	cept		SuperSpacer					
Low-E Type	E-Max (Low-e2) w/ Argon				E-Max (Low-e2) w/ Argon		E-N (Lov	(Low		Max /-e2) .rgon	Advanced E-Max (Low-e3) w/ Argon		E-Max (Low-e2) w/ Argon		Advanced E-Max (Low-e3) w/ Argon		E-Max Low-e2) w/ Argon		Advanced E-Max (Low-e3) w/ Argon	
	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/G rids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids
U-Factor	0.30	0.30	0.29	0.29	0.29	0.29	0.29	0.29	0.27	0.27	0.27	0.27	0.30	0.30	0.30	0.30	0.30	0.30	0.29	0.29
SHGC	0.27	0.25	0.20	0.19	0.27	0.25	0.20	0.19	0.30	0.27	0.22	0.20	0.28	0.25	0.21	0.19	0.29	0.26	0.21	0.19
VT	0.52	0.46	0.48	0.42	0.52	0.46	0.48	0.42	0.56	0.50	0.52	0.46	0.52	0.46	0.46	0.43	0.54	0.48	0.48	0.43
CR	55	55	55	55	58	58	58	58	60	60	61	61	55	55	56	56	55	55	59	59

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

Grille Options



Flat 5/8"





Contour 3/4"



Vintage Grille (SDL)

Colors

SOLID PVC



WHITE T

A variety of optional exterior colors available







1000 Series

1000 Series Window Features

- Fully welded frame and sash corners assures strength, durability, and years of trouble-free service in the home
- 3" overall frame size with optional 1/4" snapin extension available (extension not available in Clay)
- Lead free designer composite cam locks and keepers provide security and performance that exceeds metal / zinc locks Certified Child Safe Locks.
- · 3/4" insulating glass
- Positive interlock at meeting rail for added security and structural integrity
- Heavy duty weatherstripping on frame and sash for protection against air and water infiltration
- Time tested maintenance free constant force coil balances designed for years of smooth, easy sash operation and never needs adjustment
- Patented frame design includes a sloped sill that assures water run-off
- Molded-In sash lift rail for easy operation
- Beveled Exterior frame and unequal lite sashes for a traditional look
- Standard PVC colors include white, tan and clay, with a variety of optional exterior colors available
- Available in a variety of window styles and matching geometric shapes
- Heavy duty roll formed aluminum frame with fiberglass mesh screen.
- Intercept® Warm Edge Glass Spacer System
- This window matches the 2100.









Double Hung



Single Hung

1000 Series Additional Window Styles







Gliders

- Two sets of single-wheeled rollers assure effortless sash travel
- Roller housing transfers weight of glass directly to frame, reducing
- · Independent weep chambers on frame assure effective water runoff
- Unique rounded exterior frame matches the look of double hung and picture windows, to provide a uniform exterior appearance

Picture Windows

- Mulling system allows picture windows to be mulled to any other
- Equal sight lines assure uniform exterior appearance of all units

Specialty Windows

- Fully welded frame and sash corners assures strength, durability and years of trouble-free service in the home.
- 3/4" insulated glass is standard with many glazing options available.
- Reinforcements in mullions and jamb returns for assured strength and stability.

NFRC Test Results (National Fenestration Rating Council)

		SINGL	HUNG		DOUBLE HUNG				PICTURE WINDOW/GEO				SINGLE/3 LITE GLIDER				
Spacer Type	Intercept				Intercept					Super	Spacer		Intercept				
Low-E Type	E-Max (Low-e2) w/ Arg on		(Low-e3)		(Low-e2)		Advanced E-Max (Low-e3) w/ Argon		E-Max (Low-e2) w/ Arg on		(Lov	d E-Max (-e3) .rg on	E-Max (Low-e2) w/ Arg on		Advanced E-Max (Low-e3) w/ Argon		
	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	No Grids	w/Grids	
U-Factor	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.28	0.28	0.30	0.30	0.30	0.30	
SHGC	0.29	0.28	0.21	0.19	0.29	0.26	0.21	0.19	0.30	0.27	0.22	0.20	0.29	0.26	0.22	0.20	
VT	0.54	0.48	0.50	0.44	0.54	0.48	0.50	0.44	0.56	0.50	0.52	0.46	0.55	0.49	0.50	0.45	
CR	55	55	56	56	55	55	56	56	61	61	61	61	56	56	56	56	

ViWinTech has Energy Star® rated windows for your area. Your Local Distributor will be able to get the proper information that you will need for Energy Star® certification.

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. In warm weather the 1000 series vinyl windows keep cool air inside and hot air outside, decreasing your summer cooling costs. In cold weather the 1000 series vinyl windows keep warm air inside and cold air outside, decreasing your winter heating costs.









Casement/Awning

Casement/Awning Window Features





Awning windows can be used in many combinations

- Fully welded frame and sash corners assures strength, durability, and years of trouble-free service in the home
- Heavy duty locks and operators provide long lasting security and ease of operation
- 3/4" insulated glass is standard with many glazing options available
- SuperSpacer® Warm Edge Glass Spacer System
- Casement will open a full 90° for maximum ventilation and easy cleaning from inside your home (On units not utilizing egress hardware)
- Heavy extrusion walls are thicker than most other windows providing better structural integrity
- Heavy duty weatherstripping on frame and sash for protection against air and water infiltration
- Multi-point locking system locks casement at multiple points, for added security
- Egress hardware is an option on appropriately sized units to meet Egress requirements
- Available in a variety of window styles and matching geometric shapes
- Corrosion resistant hardware assures years of trouble free performance
- Standard PVC colors include white, tan, and clay with a variety of optional exterior colors available
 - ✓ Nesting handle that folds in for storage

Emax High Performance Glass System

Warm Edge Technology

Poorly insulated windows can attribute up to 25 percent of a building's heating and cooling loads. As a homeowner, it is just as important to know what type of glass package (or glazing) is going into the window. The type of spacer material in your windows can make or break your investment. In order to overcome the thermal inefficiency of conventional aluminum spacers, a new type of spacer product called warm edge technology has evolved in the industry. Warm edge refers to the type of spacer material used to separate the panes of glass (or glazing) in an insulated window unit. If the material conducts less heat or cold than a conventional aluminum spacer at the edge of the glass, it is said to be "warm-edge." Most of these newer spacers are less conductive and outperform pure aluminum. But there's still one small problem - they all contain some kind of metal. And metal is highly conductive. With Super Spacer your windows will remain thermally-efficient and condensation-free for many vears to come.

Condensation occurs first around the window's edge – where the glass insulates least effectively and where surface temperatures are the coldest. If a standard "cold edge" spacer exists and outside temperatures fall to 0°F condensation will form on the glass edge even in homes with as little as 15% relative humidity. The solution to condensation formation on glass is to increase the thermal efficiency of the edge of the glass: the window' weak link. Substitute Super Spacer a superior warm edge spacer and the inside humidity can go substantially higher before condensation forms on the glass. The problem is virtually eliminated.

Emax Plus® High Performance Glass System

For maximum energy efficiency, savings and comfort, ViWinTech offers optional Emax Plus® glass standard on the Signature casement/awning series window line. Emax Plus® utilizes SuperSpacer® and a specially formulated invisible coating that is bonded to the interior surface of the insulating glass unit. This coating actually blocks long wave (heat) radiation by reflecting it back to its source. This specially formulated coating is coupled with an inert gas that provides additional insulating value to help slow down the transfer of heat from the outside in the summer or inside in the winter.

What does this mean to you? Energy savings. In the summer, the sun is high in the sky. Visible light from the sun strikes the earth and is converted to long wave heat radiation. Your home can actually absorb this heat radiation, even though the sun is not shining directly through the windows. Emax glass reflects this unwanted heat back outside, helping to reduce the load on your air conditioner, and also reduce your energy costs.

We reserve the right to change the products and/or specifications at any time without notice and assume no responsibility for use of outdated printed matter. All trademarks are the property of their respective owners. All Rights Reserved.



Conversely, in the winter, the sun is low in the sky. Visible sunlight passes easily through the Emax glass and is converted to long wave heat radiation inside your home. As these heat waves move toward the outside, they strike the Emax glass, and are reflected back inside your home, keeping your home warmer, reducing your heating costs. The Emax coating blocks not only long wave radiation, but also effectively blocks ultraviolet radiation that can damage fabrics and carpets. Emax Plus® High Performance Glass System does all this, while still letting in plenty of natural unobscured daylight.

A Clear Choice

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

A better insulating value (R-value/U-value) is realized when using either Emax® or Emax Plus®.

 $\label{thm:condition} \begin{tabular}{ll} WinTech has Energy Star \begin{tabular}{ll} B rated windows for your area. Your Local Distributor will be \end{tabular}$ able to get the proper information that you will need for Energy Star® certification.







Grille Options

be available in certain models.



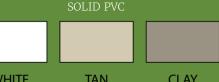


Contour 3/4"



Vintage Grille (SDL)





A variety of optional exterior colors available

.ocks





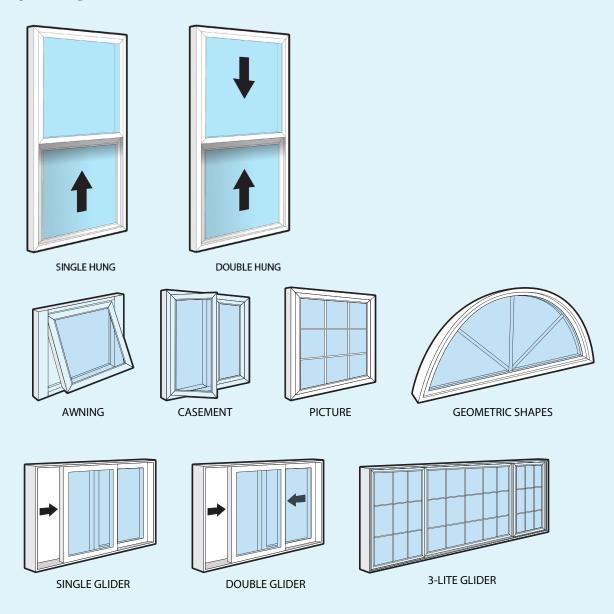
- Emax Plus®
- Tinted
- Tempered



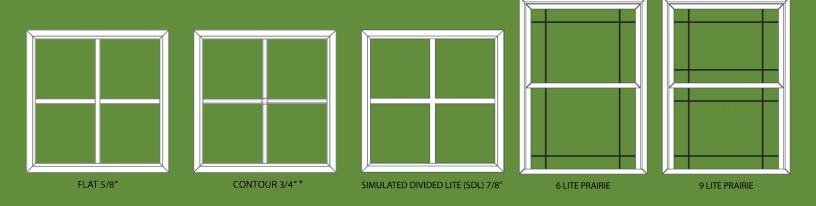
VIWINTECH.COM

Reference Guide

Style Options:



Grid Options:



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.

Emax4®

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.

Impact

ViWinTech Impact glass is for homeowners who want peace of mind in the middle of the storm. These windows withstand debris picked up by the wind that would shatter non-Impact glass options.

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. For more information, visit https://www.energystar.gov/products/building_products/residential_windows_doors_and_skylights/climate_zone/search.

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.

SuperSpacer® TrueWarm® Edge Glass System

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

The SuperSpacer® TrueWarm® 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 Pl Chamber: 140-degree Fahrenheit temperatures, 100 percent humidity and constant UV bombardment.

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.

Color Tech exterior heat reflective coatings



Today's vinyl windows and patio doors offer exterior colors never before available to homeowners. With some good organized planning and the help of your professional remodeler or designer you can achieve outstanding results. Using Color Tech™by ViWinTech, you can choose from 5 exterior colors for the entire ViWinTech line of vinyl windows and patio doors.

ViWinTech's ColorTech™ heat reflective coating is a water-based paint, it is also an environmentallyfriendly product. In addition, this product is:

- Heat reflective and protects the vinyl window from fading. (tested to ASTMD 4803-93)
- ColorTechTM is American Architectural Manufacturers Association (AAMA) tested (test 615) and proven to be a quality "environmentally-friendly," waterborne coating
- · Incorporates hardness along with flexibility and impact resistant
- Excellent color/gloss retention



LIMITED LIFETIME WARRANTY

Advantage Protection



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 AND SUPPORT:

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

WISE INVESTMENT:

By enhancing the beauty and energy efficiency of your home, ViWinTech Windows and Doors are wise investment.

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.



NEW CONSTRUCTION	Vinyl	Hardware	Screen Frame	Glass 100%	Glass 75%	Glass 50%	Glass 25%	Stress Cracks	Lifetime Glass Breakage Warranty	VWT 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	VWT 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	Lifetime	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

VIWINTECH.COM



