

# 1000

REPLACEMENT WINDOWS





**DOUBLE HUNG**

**SINGLE HUNG**



## FEATURES AND BENEFITS

- 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" snap-in 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. 1/2 screens are standard on single and full screen on double hung
- Intercept<sup>®</sup> Warm Edge Glass Spacer System

\*See Warranty for details

# Additional Window Styles



## Gliders

- Two sets of single-wheeled rollers assure effortless sash travel
- Roller housing transfers weight of glass directly to frame, reducing stress
- 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 mullied to any other window
- 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 )

Spacer Type	SINGLE HUNG				DOUBLE HUNG				PICTURE WINDOW/GEO				SINGLE/3 LITE GLIDER			
	Intercept				Intercept				SuperSpacer				Intercept			
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		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	No Grids	w/Grids	No Grids	w/Grids
U-Factor	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.30	0.30	0.30	0.30
SHGC	0.29	0.26	0.22	0.20	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	0.55	0.49	0.51	0.45	0.54	0.49	0.50	0.45	0.56	0.50	0.52	0.47	0.55	0.49	0.51	0.45
CR	56	56	56	56	56	56	57	57	61	61	63	63	56	56	57	57

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



# Emax High Performance Glass System

A Better Choice...

## Warm Edge Technology

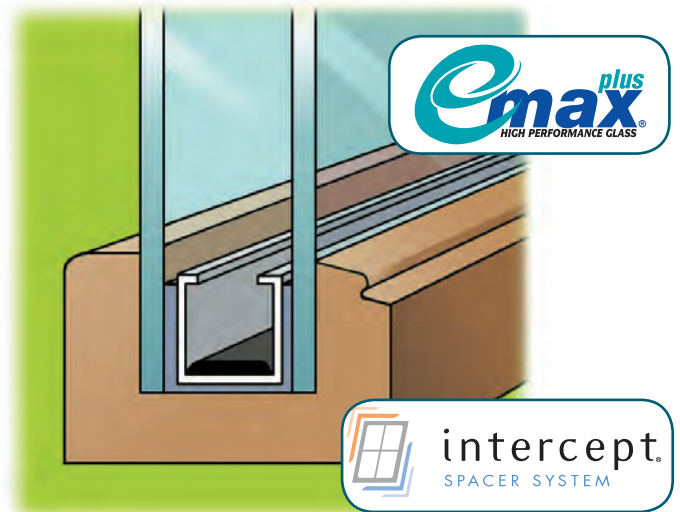
Warm Edge Technology is a revolutionary patented system that helps increase the overall thermal efficiency of sealed insulating glass units. At the heart of the system is the Intercept® spacer system featuring a unique, one-piece tin-plated, U-channel design that creates an effective thermal barrier to help reduce conducted heat loss through the window. Its sealed, one-piece design makes Intercept spacers stronger and better at retaining insulating gas than many conventional designs. Intercept spacers are so energy efficient that they keep the edges of the window glass warmer, so your home feels more comfortable in the winter.

## Emax® High Performance Glass

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

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.



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.

## A Clear Choice

By combining warm edge technology with optional Emax or Emax plus High Performance Glass, your windows are better 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.

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.

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Architectural  
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Association

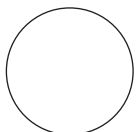


## Colors

SOLID PVC



Tan



White



Clay

A variety of optional exterior colors available

## Glass Options

- Clear
- Emax Plus®
- Tinted
- Tempered
- Obscure
- Triple Insulated

## Grille Options



Flat 5/8"



Contour 3/4"



Vintage Grille (SDL)  
7/8"

\* Aluminum grille between Vintage Grilles may not be available in certain models.

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# 2000

## REPLACEMENT WINDOWS



### FEATURES AND BENEFITS

- 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

A Better Choice...

## Warm Edge Technology

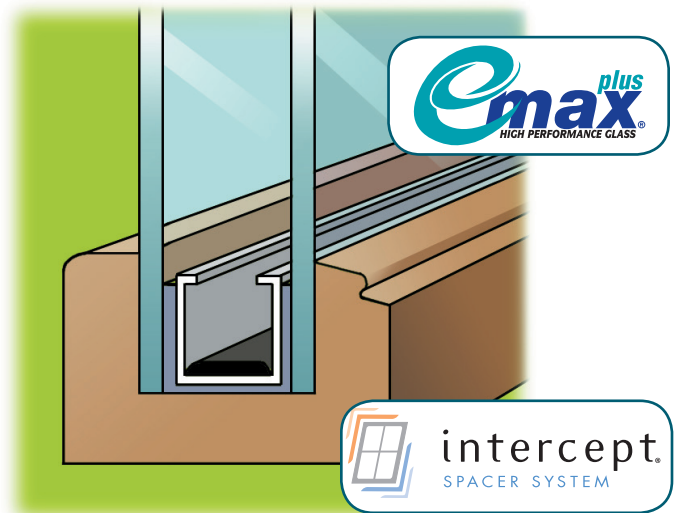
Warm Edge Technology is a revolutionary patented system that helps increase the overall thermal efficiency of sealed insulating glass units. At the heart of the system is the Intercept® spacer system featuring a unique, one-piece tin-plated, U-channel design that creates an effective thermal barrier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

## Emax® High Performance Glass

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.



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.

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Spacer Type	DOUBLE HUNG								PICTURE WINDOW/GEO				DOUBLE/3 LITE GLIDER							
	Intercept				SuperSpacer <i>Only Available in the Hybrid Series</i>				SuperSpacer				Intercept				SuperSpacer			
	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		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	
Low-E Type	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	No Grids	w/Grids	No Grids	w/Grids
U-Factor	0.30	0.30	0.30	0.30	0.29	0.29	0.28	0.28	0.28	0.28	0.27	0.27	0.30	0.30	0.30	0.30	0.29	0.29	0.29	0.29
SHGC	0.28	0.26	0.21	0.19	0.28	0.26	0.21	0.19	0.30	0.27	0.22	0.20	0.28	0.25	0.21	0.19	0.28	0.25	0.21	0.19
VT	.054	0.48	0.50	0.44	0.54	0.48	0.50	0.44	0.56	0.50	0.52	0.46	0.52	0.46	0.48	0.43	0.52	0.46	0.48	0.43
CR	55	55	56	56	59	59	60	60	61	61	62	62	55	55	55	55	58	58	59	59

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



## Colors

SOLID PVC COLOR



Tan

White

A variety of optional exterior colors available

## Grille Options

\* Aluminum grille between Vintage Grilles may not be available in certain models.



Flat 5/8"



Contour 3/4"



Vintage Grille (SDL)  
7/8"

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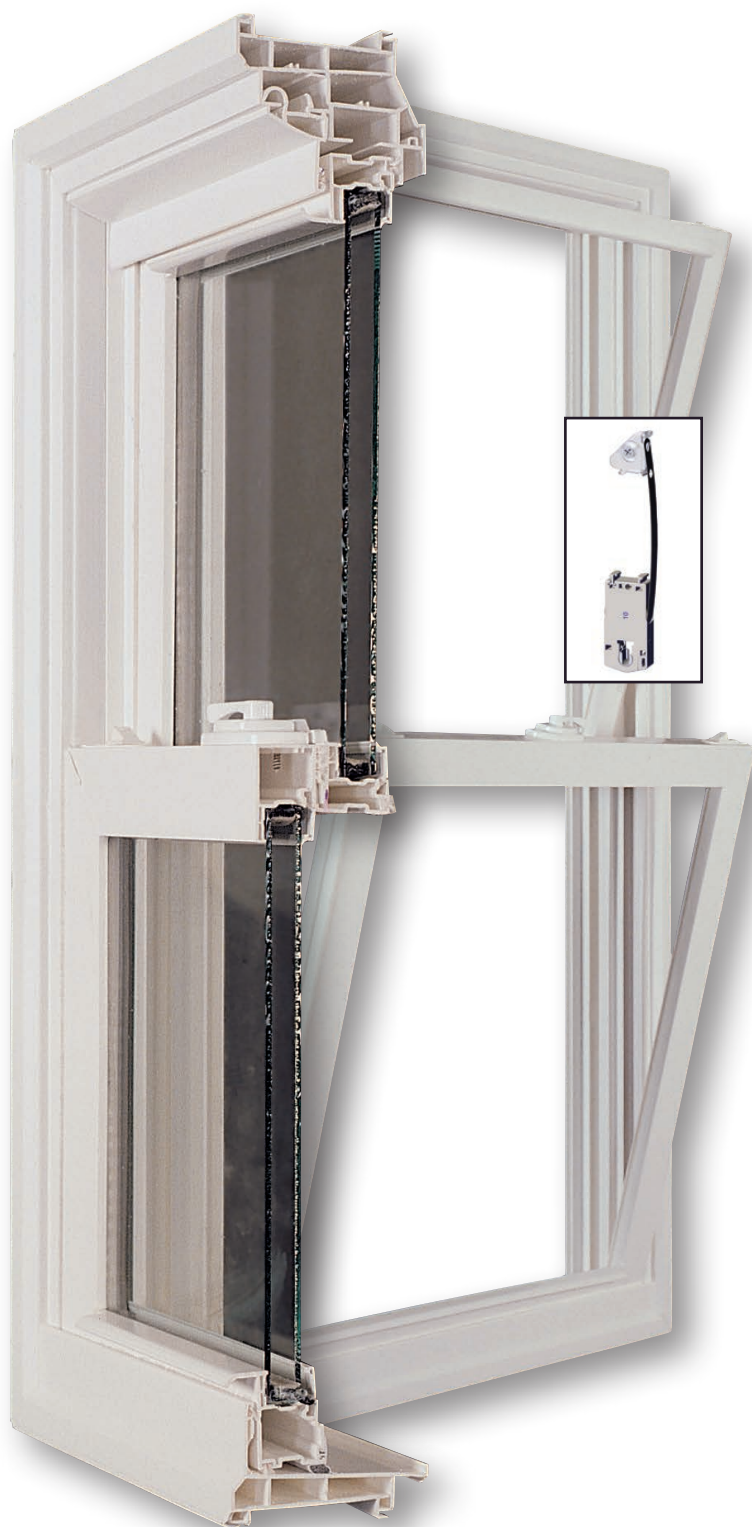


www.viwinTech.com

# 6000

REPLACEMENT WINDOWS





**DOUBLE HUNG  
(SHOWN)**

## FEATURES AND BENEFITS

- 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 and tan, a variety of optional exterior colors available
- 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
- SuperSpacer® Warm Edge Glass Spacer System
- ENERGY STAR compliant in all regions of the U.S.

\*See Warranty for details



# Emax High Performance Glass System

## A Better Choice...

### Warm Edge Technology

Today more than ever, homeowners are replacing their old worn out windows with energy efficient replacement windows. 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 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's 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 Select 6000 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.

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

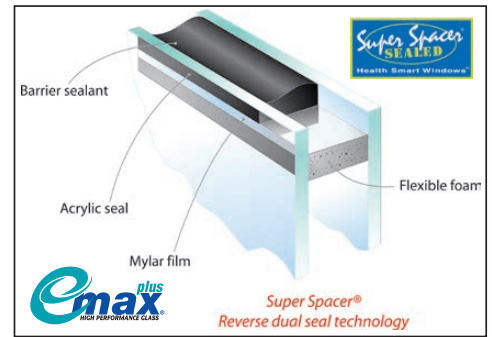
By combining warm edge technology (SuperSpacer®) with Emax Plus High Performance Glass, your windows are able to resist moisture from condensation. And less moisture means less potential for mold and mildew around your windows. These advances in glass technology and spacer systems offer you a clearer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

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

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.



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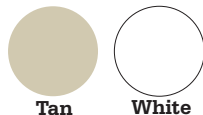


Spacer Type	DOUBLE HUNG				PICTURE WINDOW/GEO				DOUBLE/3 LITE GLIDER			
	SuperSpacer				SuperSpacer				SuperSpacer			
	E-Max (Low-e2) w/ Argon		Advanced E-Max (Low-e3) w/ Argon		E-Max (Low-e2) w/ Argon		Advanced E-Max (Low-e3) w/ Argon		E-Max (Low-e2) w/ Argon		Advanced E-Max (Low-e3) w/ Argon	
Low-E Type	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	0.28	0.28	0.27	0.27	0.29	0.29	0.29	0.29
SHGC	0.28	0.25	0.20	0.18	0.30	0.27	0.22	0.20	0.28	0.25	0.21	0.19
VT	0.52	0.46	0.48	0.43	0.56	0.50	0.52	0.46	0.52	0.46	0.48	0.43
CR	59	59	60	60	61	61	62	62	58	58	59	59

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

### Colors and Optional Woodgrain

#### SOLID PVC COLOR



A variety of optional exterior colors available

#### Interior Woodgrain Laminate



Call for the availability of other woodgrain colors.



### Glass Options

- Clear
- Emax
- Adv. Emax
- Tempered
- Obscure
- Tinted

### Grille Options

\* Aluminum grille between Vintage Grilles may not be available in certain models.



Wood Grain Flat 5/8" Contour 3/4" Vintage Grille (SDL) 7/8"



# Additional Window Styles



## Gliders

- Two sets of single-wheeled rollers assure effortless sash travel
- Roller housing transfers weight of glass directly to frame, reducing stress
- 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 mullied to any other window
- 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.



## Bay / Bow Windows

- Cable suspension system for maximum strength and stability.
- Heavy Duty mullions and jamb returns for assured strength and stability.
- Heavy duty weatherstripping on frame and sash for protection against air and water infiltration.
- Heavy-duty wooden seat and head boards for beauty and durability
- Solid vinyl warranted against rotting, rusting, cracking, warping, pitting, corroding, peeling, blistering and color failure.
- Can customize with double-hung, single hung, casement, or picture window styles.
- Available in 15° angle for bow and 30° or 45° angle for the bay.
- Optional Bay / Bow roofs are available



## Patio Doors

- 3/4" Insulated glass (traditional sliding door) 1" (french sliding patio doors) all featuring Super Spacer® warm edge spacer system.
- Heavy duty double weatherstripping on frame and sash for protection against air and water infiltration.
- Optional j-channel
- Easy rolling, no jump screen includes adjustable rollers
- The low-rise sill was designed to minimize tripping, yet keeps water out
- Matching handle set with key lock is standard and optional handle sets are available (traditional sliding door)
- Multi-point locking system and optional handle sets are available (french sliding doors)
- Four heavy duty adjustable brass rollers require no lubrication or maintenance
- Matching fixed lite frames for transoms and side lites
- All frames and sashes in french sliding door are structurally reinforced with aluminum
- Available with non-operable panels in 2, 3 and 4 lite configurations
- Styles to choose from: traditional sliding and french sliding



## Casement / Awning Windows

- Multi-point locking system locks casement at multiple points, for added security.
- Heavy duty locks and operators provide long lasting security and ease of operation.
- Optional egress hinge will allow for smaller windows to meet egress requirements.
- Casement will open a full 90° for maximum ventilation and easy cleaning from inside your home. (Non-egress units only)

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VIWINTeCH<sup>®</sup>  
WINDOWS & DOORS

*Casement / Awning*



**Windows for Replacement**

# Casement/Awning



## Features and Benefits

- 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.
  - Casement will open a full 90° for maximum ventilation and easy cleaning from inside your home.\*
  - 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.
  - Patented frame design includes a sloped sill that assures water run-off.
  - Optional egress hinge will allow for smaller windows to meet egress requirements.
  - Corrosion resistant hardware assures years of trouble free performance.
  - 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
  - SuperSpacer® Warm Edge Glass Spacer System
  - ENERGY STAR compliant in all regions of the U.S. when using Emax plus®
- ✓ **Nesting handle that folds in for storage**

Awning windows can be used in many combinations

\* Egress hinges may not permit cleaning the exterior glass surface from inside the house.

# Additional Window Styles



## Picture Windows

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



## Gliders

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



## Special 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.
- Reinforced mullions for assured strength and stability.



# Emax High Performance Glass System

## A Better Choice...

### Warm Edge Technology

Today more than ever, homeowners are replacing their old worn out windows with energy efficient replacement windows. 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.

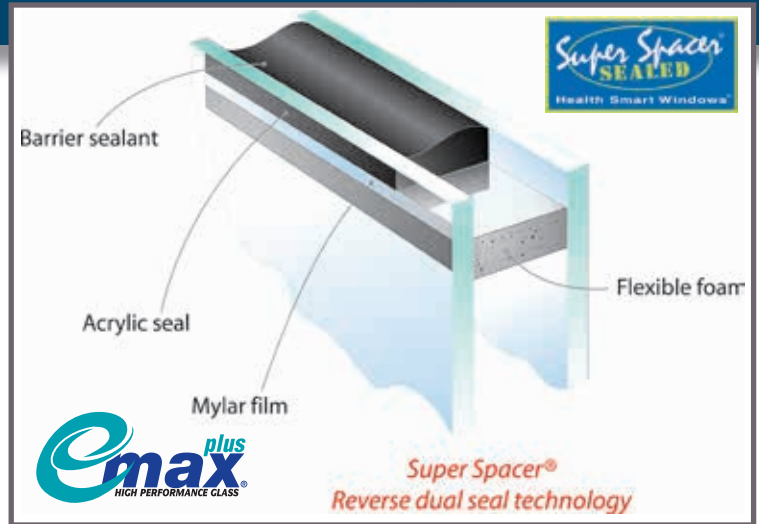
In order to overcome the thermal inefficiency of conventional aluminum spacers, a new type of spacer product called warm edge technology has evolved in the industry. Warm edge refers to the type of spacer material used to separate the panes of glass (or glazing) in an insulated window unit. If the material 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 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's 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 Ultra® High Performance Glass System

For maximum energy efficiency, savings and comfort, ViWinTech offers optional Emax Plus glass on the Signature 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.



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 Ultra 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® or Emax Plus®.

\* All ViWinTech windows and doors with Emax plus are ENERGY STAR compliant in all regions of the United States.



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### Colors and Optional Woodgrain

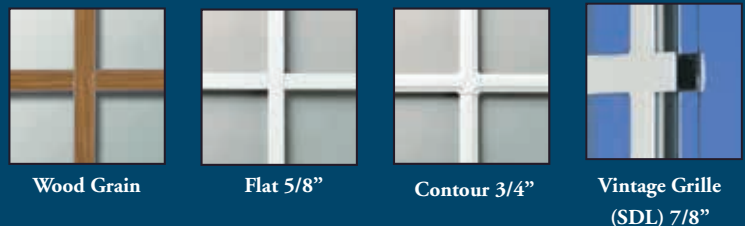


A variety of optional exterior colors available

Call for the availability of other woodgrain colors.



### Grille Options



\* Aluminum grille between Vintage grilles may not be available in certain models

### Glass Options

- Clear
- Emax Plus®
- Tinted
- Tempered
- Obscure



www.viwinotech.com



# Signature Series

*Specialty Windows*



***Bay / Bow Windows***  
***Garden Windows***  
***Architectural Windows***



ViWinTech has a wide range of specialty window options for your next project. Our Signature Series is available in many specialty window styles, including architectural windows, garden windows and bay and bow windows. Our Signature Series is available in several architectural shapes and grille pattern options, and you can also get the same high quality and energy efficient options featured on our standard models.

When you choose ViWinTech, you aren't just getting products made in the heartland of the USA; you are also getting products backed by our reputation for providing an ongoing commitment to superior quality and service. All of our windows and doors exceed the tough standards set by the American Architectural Manufacturer's Association (AAMA), your independent assurance of quality.



# Signature Series | *Architectural Windows*



## **Signature Series offers a variety of specialty windows to fit all your architectural needs.**

- 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.
- Solid vinyl warranted against rotting, rusting, cracking, warping, pitting, corroding, peeling, blistering and color failure.
- Standard colors include white and tan. A variety of exterior colors available.
- Reinforcements in mullions for added strength and stability.

# Signature Series | *Garden Windows*



## **Signature Series offers a variety of Garden windows to fit all your needs.**

- Optional E-max plus high performance glass.
- 3" Heavy-Duty R-9 Insulated Wooden Seat Board.
- Garden Window projects approximately 18" from exterior wall.
- Top-sloped tempered insulating glass panel.
- Externally glazed trapezoid side vents with heavy-duty roto-operator hardware with dual-point locking.
- Center-fixed window with integral weep system.
- Flexible bulb gasket around all fixed and operating sash perimeters.
- Heavy-duty screens.
- Tempered glass shelf up to 50" wide and wire shelf over 50" wide in Garden Window only.

# Signature Series | *Bay and Bow Windows*



## Signature Series features for Bay & Bow

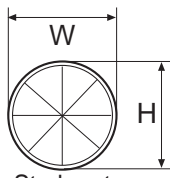
- Trapezoid Flanker Windows on Garden Window.
- 3" Heavy-Duty R-9 insulated wooden seat board.
- Bays, Bows and Garden Windows are custom sized.
- Available in 10\* or 15\* angle for bow and 30\* or 45\* angle for bay or 90\* for Garden
- Maximum Bay and Bow size is 144" x 84".
- Transferable Lifetime Limited Warranty.
- Customize with Casement, Double Hung, Single Hung and Picture Window Styles.
- 1-1/4" Furniture Grade Oak or Birch hardwood veneer sides and head.
- Timberstrand structural solid wood vertical mullions.
- Adjustable hanging support system eliminates window sagging.

## Options:

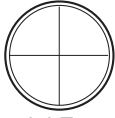
- A variety of exterior colors available.
- Pre-Stained and sealed interior.  
(Light Oak, Dark Oak and Colonial Cherry).
- Laminated interior available in colors or woodgrain.
- Pre-assembled hip style wood roofs.
- Pre-assembled concave style wood roof & clad kit system.
- Copper & painted aluminum roof clad kits.
- Pre-finished knee braces.
- DuPont Corian seats water proof & scratch resistant.
- PVC panning system.
- Low-voltage recessed lights in head.

# Architectural Shapes & Grille Patterns

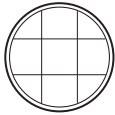
## Circle



Starburst



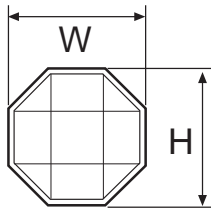
Colonial Four Lite



Colonial Nine Lite

Size	Dimensions
C2424	23 1/2" x 23 1/2"
C3030	29 1/2" x 29 1/2"
C3636	35 1/2" x 35 1/2"

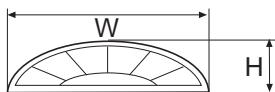
## Octagon



Colonial Nine Lite

Size	Dimensions
OTG2424	23 1/2" x 23 1/2"
OTG3232	31 1/2" x 31 1/2"
OTG3636	35 1/2" x 35 1/2"

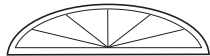
## Elliptical



Sunburst



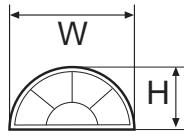
SunStar



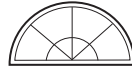
Starburst

Size	Dimensions
EP6018	59 1/2" x 17 1/2"
EP7220	71 1/2" x 19 1/2"
EP8420	83 1/2" x 19 1/2"
EP9620	95 1/2" x 19 1/2"

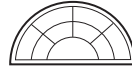
## Half-Round



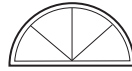
Sunburst



Sunstar



Double Sunburst \*

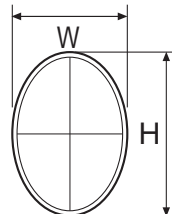


Starburst

Size	Dimensions
HR2412*	23 1/2" x 11 1/2"
HR2814*	27 1/2" x 13 1/2"
HR3015*	29 1/2" x 14 1/2"
HR3216*	31 1/2" x 15 1/2"
HR3618*	35 1/2" x 17 1/2"
HR3719*	36 1/2" x 18 1/2"
HR4020*	39 1/2" x 19 1/2"
HR4422*	43 1/2" x 21 1/2"
HR4824	47 1/2" x 23 1/2"
HR5628	55 1/2" x 27 1/2"
HR6030	59 1/2" x 29 1/2"
HR6432	63 1/2" x 31 1/2"
HR7236	71 1/2" x 35 1/2"

\* Call customer service for availability of sizes under 48".

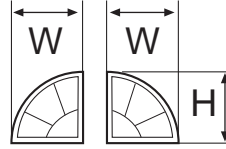
## Oval



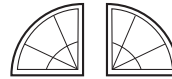
Colonial Four Lite

Size	Dimensions
OV2436	23 1/2" x 35 1/2"
OV3656	35 1/2" x 55 1/2"

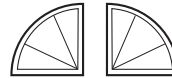
## Quarter-Round



Sunburst



Sunstar



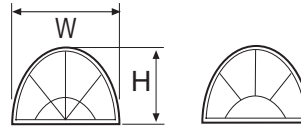
Starburst

Size	Dimensions
Left	
QRL2020	19 1/2" x 19 1/2"
QRL2424	23 1/2" x 23 1/2"
QRL2828	27 1/2" x 27 1/2"
QRL3030	29 1/2" x 29 1/2"
QRL3232	31 1/2" x 31 1/2"
QRL3636	35 1/2" x 35 1/2"

Size	Dimensions
Right	
QRR2020	19 1/2" x 19 1/2"
QRR2424	23 1/2" x 23 1/2"
QRR2828	27 1/2" x 27 1/2"
QRR3030	29 1/2" x 29 1/2"
QRR3232	31 1/2" x 31 1/2"
QRR3636	35 1/2" x 35 1/2"

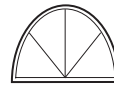
Choose left-hand or right-hand size as viewed from the outside looking in.

## Half-Oval



Sunstar

Sunburst



Starburst

Size	Dimensions
HOV2418	23 1/2" x 17 1/2"
HOV3628	35 1/2" x 27 1/2"

## Custom Shapes

Traditional rectangular, trapezoid, parallelogram, and other shapes utilizing fixed frames are also available.

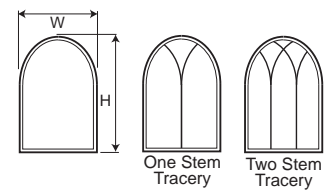
Installation details are the same as fixed windows.

Custom sizes are available on all units.

All call out sizes are in inches.

Call out indicates width expressed in inches and shoulder height (series code).

## Gothic

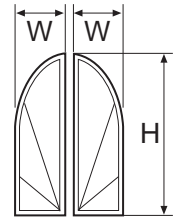


One Stem Tracery

Two Stem Tracery

Size	Dimensions
GC1836	17 1/2" x 35 1/2"
GC2040	19 1/2" x 39 1/2"
GC2244	21 1/2" x 43 1/2"
GC2448	23 1/2" x 47 1/2"
GC2856	27 1/2" x 56 1/2"
GC3060	29 1/2" x 59 1/2"
GC3672	35 1/2" x 71 1/2"

## Half-Gothic



Starburst

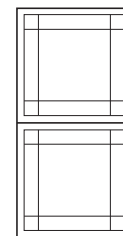
Size	Dimensions
Left	
HGL1854	17 1/2" x 53 1/2"
HGL2260	21 1/2" x 59 1/2"
HGL2666	25 1/2" x 65 1/2"
HGL2872	27 1/2" x 71 1/2"

Size	Dimensions
Right	
HGR1854	17 1/2" x 53 1/2"
HGR2260	21 1/2" x 59 1/2"
HGR2666	25 1/2" x 65 1/2"
HGR2872	27 1/2" x 71 1/2"

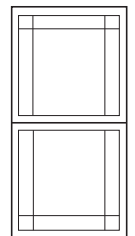
Choose left-hand or right-hand size as viewed from the outside looking in.

## Prairie Grille Options

Prairie Grille's are available in two styles: 9 Lite and Perimeter 6 Lite



9 Lite Grille



Perimeter 6 Lite Grille

# Architectural Shapes & Grille Patterns

## Fixed Eyebrow and Extended Eyebrow Windows

Chord Height*	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7 1/2"	9"	12"

Radius	24 1/2"	29"	33"	37 1/4"	41 1/2"	45 3/4"	50"	62 3/4"	75 1/2"	101"
Rough Opening	24"	28"	32"	36"	40"	44"	48"	60"	72"	96"
Unit Width	23 1/2"	27 1/2"	31 1/2"	35 1/2"	39 1/2"	43 1/2"	47 1/2"	59 1/2"	71 1/2"	95 1/2"
Overall Unit Height	(Can be computed by adding chord height plus shoulder height.)									

Series A  
Shoulder Height 7-1/8"  
(Eyebrow)  
(Fixed Ext. Eyebrow)

EBA24	EBA26	EBA32	EBA36	EBA40	EBA44	EBA48	EBA60	EBA72	EBA96

Series B  
Shoulder Height 19-1/8"  
(Fixed Ext. Eyebrow)

EEB24	EEB26	EEB32	EEB36	EEB40	EEB44	EEB48	EEB60	EEB72	EEB96

Series C  
Shoulder Height 31-1/8"  
(Fixed Ext. Eyebrow)

EEC24	EEC26	EEC32	EEC36	EEC40	EEC44	EEC48	EEC60	EEC72

Series D  
Shoulder Height 39-1/8"  
(Fixed Ext. Eyebrow)

EED24	EED26	EED32	EED36	EED40	EED44	EED48	EED60	EED72

Series E  
Shoulder Height 43-1/8"  
(Fixed Ext. Eyebrow)

EEE24	EEE26	EEE32	EEE36	EEE40	EEE44	EEE48	EEE60	EEE72

Series F  
Shoulder Height 47-1/8"  
(Fixed Ext. Eyebrow)

EEF24	EEF26	EEF32	EEF36	EEF40	EEF44	EEF48	EEF60	EEF72

Series G  
Shoulder Height 55-1/8"  
(Fixed Ext. Eyebrow)

EEG24	EEG26	EEG32	EEG36	EEG40	EEG44	EEG48	EEG60

Series H  
Shoulder Height 61-1/8"  
(Fixed Ext. Eyebrow)

EEH24	EEH26	EEH32	EEH36	EEH40	EEH44	EEH48	EEH60

Series J  
Shoulder Height 67-1/8"  
(Fixed Ext. Eyebrow)

EEJ24	EEJ26	EEJ32	EEJ36	EEJ40	EEJ44	EEJ48

Series K  
Shoulder Height 79-1/8"  
(Fixed Ext. Eyebrow)

EEK24	EEK26	EEK32	EEK36	EEK40	EEK44	EEK48

Series L  
Shoulder Height 91-1/8"  
(Fixed Ext. Eyebrow)

EEL24	EEL26	EEL32	EEL36	EEL40	EEL44

Grille Patterns and Styles  
Series A: Eyebrow  
Starburst pattern  
Series B to L: Extended Eyebrow  
Colonial Pattern and  
Cathedral shown.

Available in flat or sculptured grids  
between the glass.

Colonial	Cathedral

## Operable Extended Eyebrow

Chord Height*	3 1/2"	4"	4 1/2"	5"	6"

Radius	29"	33"	37 1/4"	41 1/2"	50"
Rough Opening	28"	32"	36"	40"	48"
Unit Width	27 1/2"	31 1/2"	35 1/2"	39 1/2"	47 1/2"
Overall Unit Height	(Can be computed by adding chord height plus shoulder height.)				

Series C  
Shoulder Height  
31-1/8"

OEAC26	OEAC32	OEAC36

Series E  
Shoulder Height  
43-1/8"

OEAE26	OEAE32	OEAE36	OEAE40

Series G  
Shoulder Height  
55-1/8"

OEAG26	OEAG32	OEAG36	OEAG40	OEAG48

Series J  
Shoulder Height  
67-1/8"

OEAJ26	OEAJ32	OEAJ36+	OEAJ40+	OEAJ48+

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