

# Ultra

Windows for Replacement



VIEWINTECH®  
WINDOWS & DOORS



*The Signature Series*

# Ultra Windows for Replacement



## 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 (Not shown in picture)
- 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



# 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



## 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)



## Picture Windows

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



## 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



## 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.



## 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



# 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.

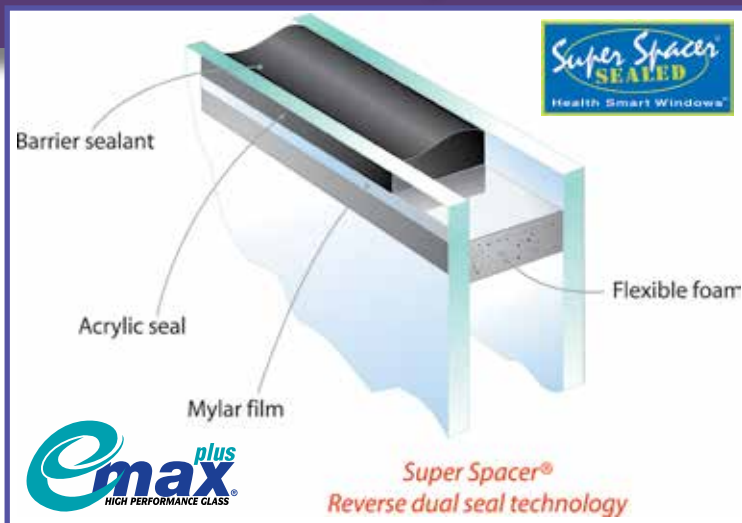
In order to overcome the thermal inefficiency of conventional aluminum spacers, a new type of spacer product called warm edge technology has evolved in the industry. Warm edge refers to the type of spacer material used to separate the panes of glass (or glazing) in an insulated window unit. If the material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

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

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 ViWinTech assumes no responsibility for use of outdated printed matter.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

All Rights Reserved.



### Colors and Optional Woodgrain

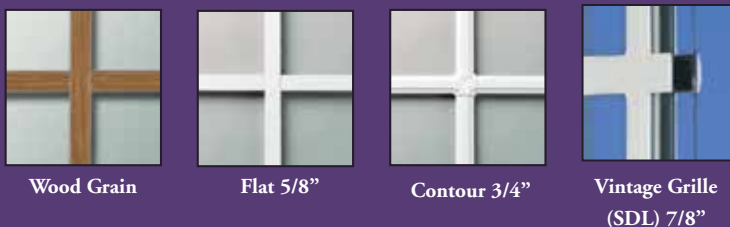


A variety of optional exterior colors available

Call for the availability of other woodgrain colors.



### Grille Options



### Glass Options

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



[www.viwintech.com](http://www.viwintech.com) • [www.viwintech.tel](http://www.viwintech.tel)

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

© 2013 ViWinTech, Inc.

11/13

Part# 404.1