# Aluminum Storm Windows

Minimize Maintenance
& Lower Energy Costs!

ProVia®
THE PROFESSIONAL WAY

# Why Use Storm Windows?

- Energy Efficient
- Maintenance Free
- Weather Protection
- Reduce Outside Noise
- Protect Original Windows
- Easy to Install - No Mess!*

## Details That Count

- Custom-built to your specifications
- Constructed of heavy-duty, extruded aluminum for long life and structural integrity
- Creates a dead air space that helps block energy transfer
- Complement your home with one of 16 beautiful colors
- Low-E and other glass options available
- Lifetime Limited Transferable Warranty

* The basic installation of ProVia Storm Windows is excluded by definition from the U.S. EPA Lead-Based Repair, Replace and Painting Program (RRP Rule).

***Our storm windows are designed to be installed over existing windows having sloped sills and are not intended to be used as a primary window.***

***Regardless of application, product warranty does not cover issues such as leaking and condensation.***

**Wrap around marine glazing** seals glass firmly into sash and makes glass replacement easy

# Why Choose a Low-E Window?

## Save Money and get Quick Payback!

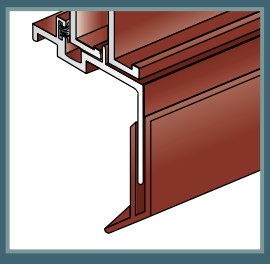
Over 800,000 homes annually have storm windows installed[1], with virtually all having clear uncoated glass, reducing the heating load by only 13% with a 10 year simple payback[2].

In a recent Chicago study, Low-E storm windows showed marked improvement over the clear glass benefits amounting to an average of 21% heat load reduction and an average payback of 4.5 years[2].

- Cost effective alternative to total window replacement
- Warmer in winter; average of 21% heat load reduction[2]
- Cooler in summer; reduces solar heat gain

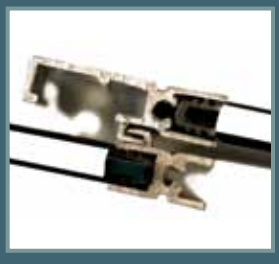
[1] NAHB Research Center, *2006 Consumer Practices Survey*, 2006
[2] S. Craig Drumheller - NAHB Research Center, Christian Kohler - Lawrence Berkeley National Laboratory, Stefanie Minen - Utilvate Technologies, *Field Evaluation of Low-E Storm Windows*, 2007

**Anti-bow pins** ensure sashes will resist bowing under heavy wind loads (double hung only)



**Adjustable 1" bottom expander** simplifies installation for out of square openings and is weeped for drainage (except on #140 picture models)

**Nylon pivot pins** ensure smooth sash operation (double hung only)

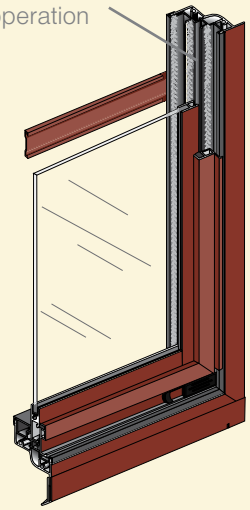


**Heavy-duty sash interlock** seals out the elements (double hung & sliders)

# Town & Country
## Double Hung Windows

#520 Town & Country Triple Track
(Also available in two track #527)

**Black vinyl frame liner** provides smooth, quiet operation



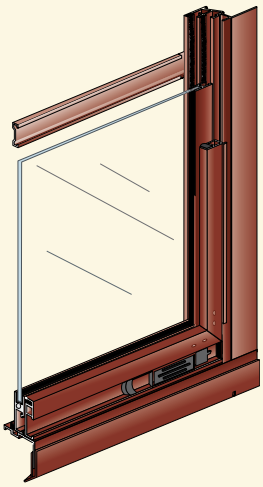
### FEATURES & BENEFITS

- Triple track windows feature an inside operating half screen, while double track windows feature a half screen that is housed under the exterior sash
- Keep out the cold and heat with full perimeter weatherstripping
- Additional structural strength with the mid-window stabilizer bar
- Cleaning is made easy with the removable sashes and half screen
- Teflon® coated springs and electrostatic coating on latch bolts create a smooth latch operation
- Safely adjust the amount of ventilation with ratcheted sash stops every 1" on top and bottom sashes

Mitered frame corners provide superior strength and beauty. For extra elegance we have a contoured master frame.

# Concord
## Double Hung Windows

#696 Concord Triple Track
(Also available in two track #697)



### FEATURES & BENEFITS

- Triple track windows feature an inside operating half screen, while double track windows feature a half screen that is housed under the exterior sash (also available with optional external full screen)
- Keep out the cold and heat with full perimeter weatherstripping
- Additional structural strength with the mid-window stabilizer bar
- Cleaning is made easy with the removable tilt-in sashes and half screen
- Teflon® coated springs and electrostatic coating on latch bolts create a smooth latch operation
- Safely adjust the amount of ventilation with ratcheted sash stops every 1" on top and bottom sashes

Butt frame corners give this window exceptional strength. The square frame also creates a clean contemporary look.

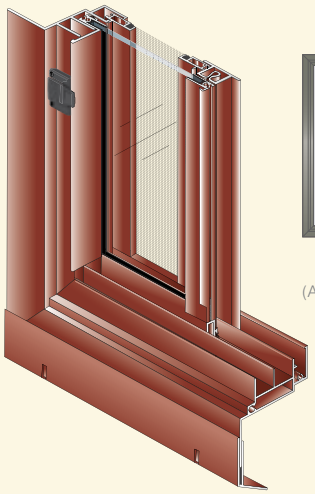
NEW

## New and Improved Latch Bolt Design

**Sash bolt latches have been enlarged and re-designed with improved durability and functionality.**

**Swivel sash keys and sash guides have been re-designed for improved functionality and are now color matched to sash bolt latches.**

# Valley Forge
## Slider Windows

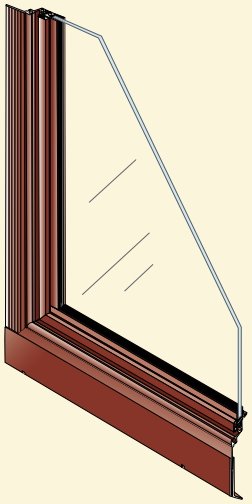


#423 Valley Forge
Exterior Three-Lite Slider
(Also available in #422 two-lite slider)

### FEATURES & BENEFITS

- Mitered frame corners provide superior strength and beauty
- Available in two or three-lite models (3-lite available in ¼-½-¼, ⅓-⅓-⅓ or custom)
- Hollow sill construction for additional strength and drainage control
- Full length pull rail with spring loaded latches
- Long-life Delrin® rollers with stainless steel housing provide long-lasting smooth operation
- Screens over 40" in height include a stabilizer bar

# Clinton
## Picture Windows



#240 Clinton One-Lite
Picture Window

### FEATURES & BENEFITS

- Mitered frame corners provide superior strength
- Available with inside or outside removable sash
- Sash clips for removable screen and sash
- Full perimeter weatherstripping
- Available in select models 1, 2, 3, or 4 lite units
- Architectural shapes available as special order with additional lead time (See page 4 for more details.)
- Also available in 140 and 630 styles (See Price List for details.)

# Choose Your Color

Our oven-baked finishes are backed by a Lifetime Limited Warranty for lasting beauty and low maintenance. These finishes are also available on ProVia Storm Doors, Aluminum Replacement Windows and Entry Doors.

## Featured Colors

- Snow Mist
- Café Cream
- Chateau
- Sandpiper Beige
- Sandstone
- Sterling Gray
- Clay
- Geneva Blue
- Forest Green
- Mountain Berry
- Rustic Bronze
- Tudor Brown
- Coal Black

## Limited Colors

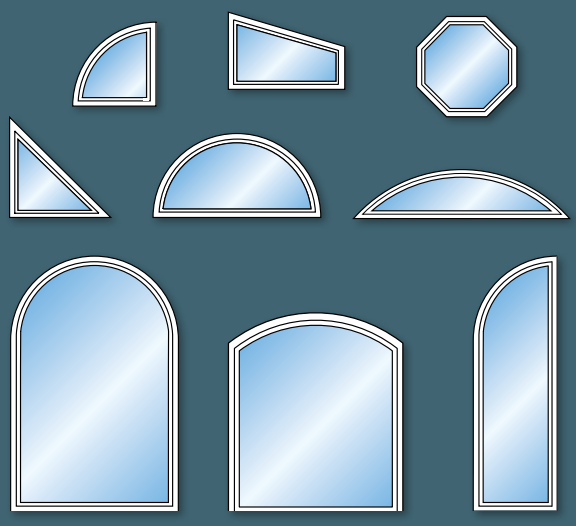
- Primrose Yellow
- Enzian Blue
- Vallis Red

Additional 2 week lead time required when using Limited Colors on Aluminum Storm Windows.

Refer to our color selector for accurate color representation.

# Nothing adds drama to a home like specialized architectural shapes!

Customized architectural shapes are available in a wide variety of styles.



# Storm Window Advantages

| | Town & Country Double Hung 520/527 | Concord Double Hung 696/697 | Valley Forge 2-Lite Slider 422 | Valley Forge 3-Lite Slider 423 | Clinton Outside Removable 140/240 | Clinton Inside Removable 630 |
|---|---|---|---|---|---|---|
| **Corner Construction** | Mitered & Screwed | Butted & Screwed | Mitered & Screwed | Mitered & Screwed | Mitered & Screwed | Mitered & Staked |
| **Installation Screws** | Color Matched | Color Matched | Color Matched | Color Matched | Color Matched | Color Matched |
| **Frame Profile** | Contoured with Vinyl Liner | Square | Square | Square | Square | Contoured |
| **Glazing** | Wrap-Around Marine | Wrap-Around Marine | Wrap-Around Marine | Wrap-Around Marine | Wrap-Around Marine | Wrap-Around Marine |
| **Fiberglass Screen** | Half | Half (Full screen optional) | Half | Two | Full Optional | Full |
| **Weatherstripping** | Full Perimeter | Full Perimeter | Full Perimeter | Full Perimeter | Full Perimeter | Full Perimeter |
| **Mid-Window Stabilizing Bar** | Horizontal | Horizontal | Vertical | Vertical | N/A | N/A |

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