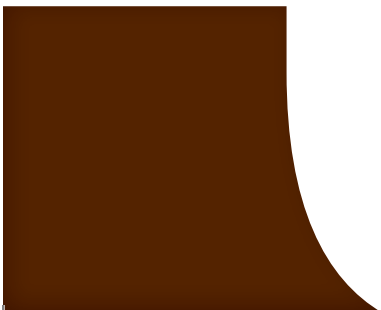
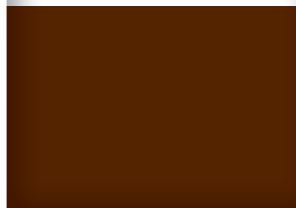
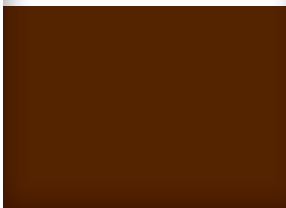


L'eganceTM

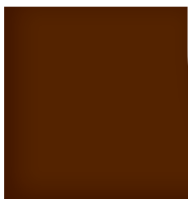
THERMAL
Windows & Doors

PATIO DOORS



Open Your Window
Of Possibilities.

Premium Vinyl
Replacement Windows
and Patio Doors



Patio Doors should brighten up your life, not complicate it. With the L'egance™ Patio Door from Thermal, you'll get top-of-the-line performance and energy efficiency – without ever having to scrape, sand or paint another door again.

Energy Efficiency

Thermal's L'egance Patio Door offers the very best in energy efficient features. Our warp-resistant vinyl, fully-welded frames and Peak Performance™ Glass options provide tight seals and exceptional insulation, so you'll have lower energy bills year-round.

Easy Care

We use the highest quality PVC vinyl in our patio doors, which means they'll never warp or need painting or refinishing. The door's monorail track design makes opening and closing your patio door even easier.

Environmentally Friendly

Greener is always better. PVC vinyl is a better option for the environment than many competing products. It emits less CO₂ and requires 20 percent less energy to produce than other plastics.

Fully Customizable

Choose from a wide range of enhancements and customizable options to make your patio door fit any cosmetic, functional, style or budget requirement. With vinyl patio doors from Thermal, you can add custom color-matched exterior frames, internal grids and blinds, plus thermal upgrades and much more.

VINYL
ADVANTAGES





The Features that Matter Most

Choose from industry-leading features that offer the benefits you care about: energy savings, appealing design and quality construction, all backed by a lifetime warranty.

The standard features on the L'egance Patio Door will enable years of performance and comfort. The many options and design enhancements will allow you to customize the door to meet the aesthetic needs of any décor.

Energy Savings

- **Duralite® spacer** made from a polycarbonate material means there is no metal to conduct heat, which increases its thermal performance and energy efficiency.
- **Weather-Stripping** virtually eliminates air and water infiltration
- **Superior Sash Interlock** reduces weather infiltration while increasing security

Built to Last

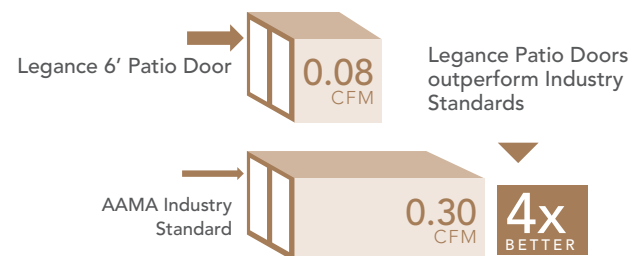
- **Solid Vinyl Construction** will not chip, peel or rot and never requires scraping or painting
- **Fusion-Welded Frame and Sashes with Aluminum Reinforcement** offer maximum strength and lasting performance
- **Tested to AAMA's strict standards** assuring structural integrity

Life Made Easier

- **Lifetime Warranty, Lifetime Insulating Glass Warranty and Lifetime Glass Breakage Warranty** for your peace of mind
- **Monorail Track Design** provides smooth glide motion on opening and closing
- **Grooved Aluminum Step Plate** provides an area to scrape off dirt and soil, keeping your home cleaner
- **Heavy Duty Screen* with Anti-Racking System** ensures smooth operation
- **Keyed, Dual-Point Lock** offers peace of mind
- **Recessed Security Bolt** offers further peace of mind (White and Earthtone are standard. Available in Brushed Nickel)

Air Infiltration

When it comes to air infiltration, less is more. The lower the CFM (cubic feet per minute), the less air the patio door lets pass through. This example shows how our patio door compares to industry standards.



NOTE: Values denote rounding to the next whole number.

*Screens are not meant to restrain a child from falling through an open window.



Monorail Track



Heavy Duty Screen with Anti-Racking System



Keyed, Dual Point Lock



Recessed Security Bolt

Optional Features

Inside-the-Glass

Vari-Tilt™ Mini-Blinds**:

Raise, lower and tilt to adjust view and amount of privacy



Triple Glaze Glass:

Choose from high-performance insulating glass systems featuring Low-E glass enhanced with Argon or Krypton Gases and sealed with Duralite® spacer made from a polycarbonate material.



**Available in 5', 6' and 9' patio doors only. Standard with Hard-Coat Low-E glass. NOT available with the following options: 8' and 12' doors, Natural Woodgrain, Golden Oak or Dark Oak Woodgrain Finishes, French-style doors, any glass package from the Peak Performance Family of Glass Systems (gas filling), triple pane glass, DP doors, custom-size doors.

- Multi-Point Lock with Key Lock (Brass Only)
- Custom Shaped Accent Windows
- Custom sizes available
- DP 60 Package for Coastal Applications

Pet Screen Resistant to wear and tear of household pets.



Painted Exterior Finish Options***

Custom color match is available



American Clay



Terratone



Safari Brown



Gray



Green



Brick Red



East Coast Green



East Coast Bronze



East Coast Clay



East Coast Onyx



East Coast Terra



East Coast Red



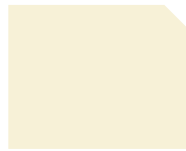
East Coast Grey



East Coast Graphite



East Coast Khaki



East Coast Sandune

WoodGrain Interior Options***



Natural Oak
Paintable/Stainable
Standard with Earthtone
Hardware



Golden Oak
Standard with Mocha
Hardware



Dark Oak
Standard with Mocha
Hardware

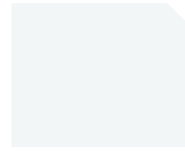


Cherry Oak
Standard with Brushed
Nickel Hardware



Pecan
Standard with Brushed
Nickel Hardware

Vinyl Color Options***



White
Interior/Exterior



Earthtone
Interior/Exterior



Brown Laminate****
Exterior/White Interior

Hardware Finishes***



White



Brushed Nickel



Earthtone



Mocha

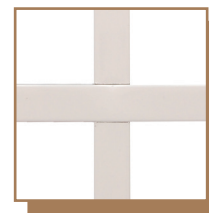
Grid Options

Choose from a wide variety of decorative grid patterns, styles and colors. All grids come between the glass for easy maintenance and a clean, modern look.

Grid options include:



3/8" Square Grid



5/8" Flat Grid



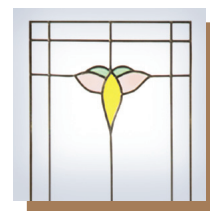
5/8" or 1"
Contoured Grid

DreamGlas® Options

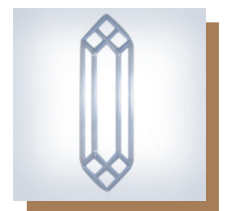
Select from a series of custom-made decorative glass designs that capture the distinct textured look of stained glass.



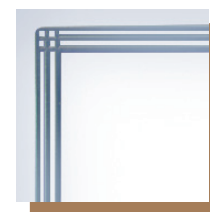
Smooth Border



Gentle Blossom



Prism



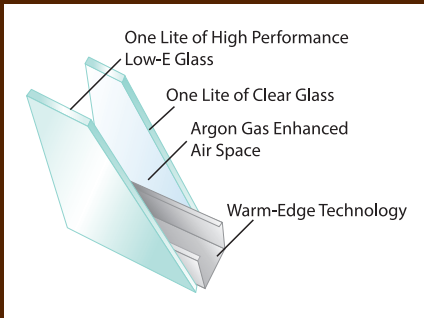
Lancelot

Manufacturer reserves the right to substitute components as necessary.

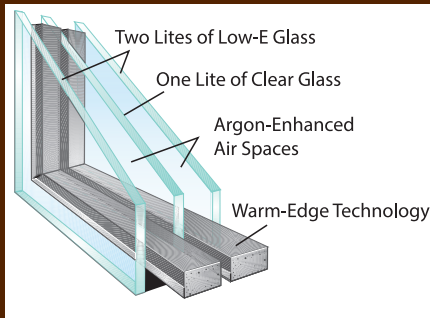
***Printing process may affect color shown. Please refer to actual window sample when selecting colors. The availability of dark color options can vary by region. Ask your sales representative for details.

****Brown Laminate Exterior is not available with Woodgrain Interior Finishes. Exterior may be painted if Brown color is desired. Additional charges apply.

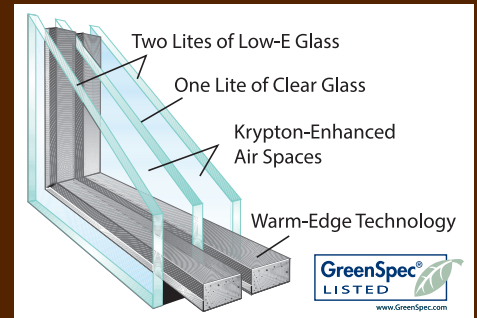
Peak Performance™ Glass



Peak Performance™ Ultra Glass



Peak Performance™ Elite Glass



ENERGY EFFICIENT GLASS OPTIONS

Thermal Windows & Doors is proud to manufacture vinyl replacement windows and doors with the ENERGY STAR® label. Every ENERGY STAR qualified window and door is independently certified by the National Fenestration Ratings Council, or NFRC, to perform at or above strict levels set by the U.S. Department of Energy. The rating gives you the tools needed to compare window and door performance.

Peak Performance™ Elite Glass

The addition of Krypton gas for optimal insulation gives our Peak Performance Elite Glass system an exceptional U-factor of 0.20, which far exceeds ENERGY STAR criteria and Department of Energy R-5 criteria (the lower the U-factor, the better a window insulates).

Peak Performance™ Ultra Glass

Peak Performance Ultra Glass combines triple glazing, Low-E Glass and Argon gas to offer a U-factor of 0.25, an insulating value that exceeds ENERGY STAR criteria.

Peak Performance™ Supreme Eco Glass

Peak Performance Supreme Eco offers four surfaces one pane containing a hard coat of low-e combined with a pane of triple layered low- glass and a U-factor of 0.24*.

Peak Performance™ Supreme Glass

Adding hard coat low-e on glass panels 4th surface enhances our Peak Performance low-e panels with Argon gas for ultimate energy savings and a U-factor of 0.24*.

Peak Performance™ LE Glass

Peak Performance LE offers two panes of glass with additional soft coat low-e for increased thermal performance with a U-factor of 0.26*.

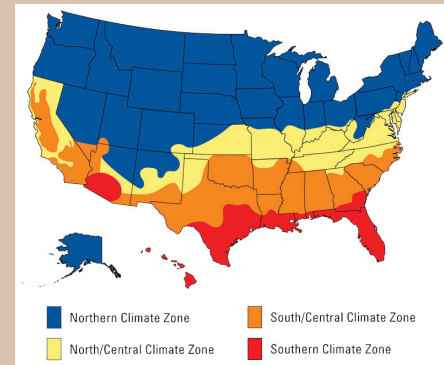
Peak Performance™ Eco

Combines one lite of triple coat low-e glass and one lite of clear glass, enhanced with Argon gas and a warm edge spacer system for exceptional thermal performance for a U-factor of 0.28*.

Peak Performance™ Glass

Our Peak Performance Glass system is a dual-pane insulating glass system that combines one lite of high performance low-e Glass and one lite of clear glass. The air space between the two is enhanced with Argon, an insulating gas and offers a U-factor of 0.29*.

ENERGY STAR Climate Zone Map



Criteria for Doors

Glazing Level	U-Factor	SHGC
Opaque	≤ 0.17	≤ 0.25
1/2 Lite:	≤ 0.25	≤ 0.25
> 1/2 Lite:	≤ 0.30	Northern: ≤ 0.40
		North/Central: ≤ 0.40
		South/Central: ≤ 0.25
		Southern: ≤ 0.25
Air Leakage Rating for Sliding Doors:		≤ 0.3 cfm/ft ²

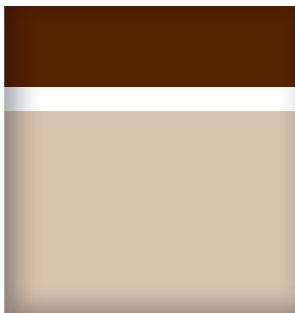
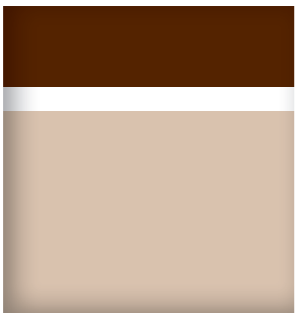


Ask about our ENERGY STAR qualified windows and doors. We offer a variety of high-performance, insulating glass systems that qualify our products for the ENERGY STAR label.



Unit configurations that were tested are:

Triple Pane is with single strength, foam frame and sash, no grids, and super spacer. Dual pane units are single strength, with foam frame and sash, no grids, and duralite spacer. *Includes duralite spacers in foam filled sash and frame. NOTE: Values are for single strength glass units.



 **THERMAL**
Windows & Doors

thermalwindowsanddoors.com



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