

ENDURE WINDOWS STUNNING ENERGY EFFICIENCY

THE PROFESSIONAL WAY

ProVia® has developed a competitive position by catering to a niche market that demands a high degree of customization coupled with superior quality. You will find attention to detail is what our customers have come to appreciate and expect from us. We're crafting your products to last a lifetime, and building our company to continue for generations... that's The Professional Way.



Partner of the Year Award

ENERGY STAR AWARD 202 PARTNER OF THE YEAR Sustained Excellence





DOORS | WINDOWS | SIDING | STONE | ROOFING





Doing Business Since 1977



200+Metric Tons of CO² Saved Annually

1,900+

Tons of metals, paper, glass and vinyl recycled annually at ProVia facilities

Visit provia.com to explore all of our products and options or dowload the app.









INDUSTRY ASSOCIATION

ProVia is a proud member of the Window & Door Manufacturers Association, which promotes the standards of excellence in the residential window and door industry, and advances these standards among industry businesses with resources designed to provide greater value for their customers.



ACCREDITATION AND TESTING

ProVia's products are voluntarily third party tested and rated in several energy performance categories through the National Fenestration Rating Council and meet or exceed standards governed by the American Architectural Manufacturers Association.



ENERGY STAR®

ProVia manufactures energy efficient products and exercises environmental stewardship by recycling, reducing pollution emissions and much more. In fact, our company has received repeated awards from the Environmental Protection Agency such as Partner of the Year - Sustained Excellence for outstanding efforts in energy savings.

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WHY CHOOSE VINYL?

YOUR VERSATILE WINDOW SOLUTION



Endure[™] windows are constructed of SunShield[®] vinyl, made with a compound proven to perform better than alternative building materials. Vinyl ensures long-lasting color retention and low maintenance, plus the added confidence of a warranty against rotting, cracking, pitting, corroding and peeling. The vinyl is resistant to rot, insect and microbial damage, never requires painting and is easy to clean.

Low Maintenance

Vinyl windows are the low-maintenance choice for residential use.

Superior Weatherability

SunShield vinyl is uniquely formulated to withstand the harsh effects of weather, UV light and southern exposure.

Color Retention

Pharmaceutical-grade compounding and blending systems provide consistency, so you can rely on superior color and weatherability.

Designed to Perform

Industry partnerships and ongoing research into new technologies ensure the vinyl compound exceeds industry standards, outperforms the competition and works together to offer best-in-class technology.

Uncompromising Quality and Performance Testing

SunShield vinyl meets or exceeds the standards for strength and color retention established by the American Architectural Manufacturer's Association (AAMA).

STANDARD FEATURES

WHAT TO EXPECT WITH YOUR ENDURE WINDOW

Endure windows can be completely customized to fit your exact style. Everything from the size of the window, the interior and exterior colors, hardware finishes, glass packages and trim options can be chosen by you.

Design the windows for each room in your house differently, or if you prefer a simple, seamless look, your windows can all be the same. The design options available to you are virtually endless. The features below are standard on all Endure window styles.

3¼" Frame Depth SunShield[®] Vinyl ¾" ComforTech[™] DLA-UV for Dual Glaze 1" ComforTech TLA-UV or TLK-UV for Triple Glaze (Upgrade) Optimized Wall Placement for Exceptional Thermal Performance FineLine[™] Technology Welded Corners (Standard on Laminate. Optional on White, Beige and Sandstone.) Neopor[®] Insulation INNERGY[®] Thermal Reinforcements Accessory Grooves for Interior and Exterior Trim Welded Frame and Sash Construction Barrier-Fin and Bulb Seal Weatherstripping Extruded Aluminum Screen Frame with BetterVue® Fiberglass Mesh





UNDERSTANDING YOUR WINDOW FEATURES

FINELINE[™] TECHNOLOGY

Endure windows feature an innovative new welding process called FineLine Technology. A FineLine welded corner is aesthetically more appealing than a traditional welded corner.

Standard on laminated units and optional on white, beige and sandstone vinyl. Not available on Garden, Hopper or Shaped windows.



Welded Corner without FineLine



Welded Corner with FineLine



INNERGY® Thermal Reinforcements

Innergy is the innovative, energy-efficient alternative to aluminum, with added insulating properties making it 700 times better.

As the next-generation of thermal reinforcement for the industry, Innergy is able to deliver a quantum leap above aluminum in how windows perform:

Better Thermal Performance

Up to 700 times better than aluminum in material comparisons.

Better Thermal Break

Impervious to cold or heat.

Better Protection Against Condensation

Helps prevent staining that can occur with metal reinforcements.

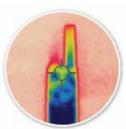
Better Impact Testing

Resistance to impact versus other reinforcement products.

Better Flexibility Will not permanently set when impacted.



Innergy and Aluminum in a 32 degree ice bath



Infrared analysis shows substantial conductivity in aluminum (shown on the right), and virtually none with Innergy (shown on the left)*

* Photos taken after one hour ice bath

INSULATION

Neopor[®]

Neopor is a graphite polystyrene rigid foam insulation that gives maximum efficiency and sustainability in building products. It is comprised of many small pockets of air within a polymer matrix containing graphite. The graphite reflects radiant heat energy like a mirror, increasing the material's resistance to the flow of heat, or R-value.

ProVia[®] uses Neopor insulation in certain vinyl extrusion cavities for even greater performance. Therefore, you can rest assured both the window frame and sash, along with the Neopor insulation are effectively regulating the temperature inside your home.

WEATHERSTRIPPING

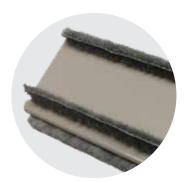
Weatherstripping is a very important part of preventing air from coming into your home. ProVia's windows have weatherstripping on the frame and sash, ensuring you get a good seal at the important locations where air could pass through.

Bulb Seal



Bulb seals are seamless closed-cell compression seals that prevent water from penetrating the foam cell structure. Its extruded skin provides a unique UV resistant barrier with design features that enhance the weatherstrip's sealing performance.

Barrier-Fin



Seal woven and extruded pile weatherstripping with fin provides a very effective barrier against air, water, dust and noise, sealing against even and uneven surfaces with resistance to abrasion.

TEST SPECIFICATIONS

Endure Double Hung 44" x 75"





ASTM E 283 0.05 cfm/ft² @ 25 mph ASTM E 547 7.52 psf Structural

Test data is a result of sizes shown, configurations and lab conditions of a certified independent third party laboratory.

Please reference the Window & Patio Door Technical Specifications Brochure for testing data on other window types.

AAMA/WDMA/CSA 101/I.S.2/A440-8 and 11 R-DP50 142 mph

YOUR SCREEN OPTIONS

STANDARD

Extruded Aluminum Screen with BetterVue® Fiberglass Mesh

BetterVue screen mesh is very durable and flame retardant, providing an enhanced view, increased insect protection and improved airflow.

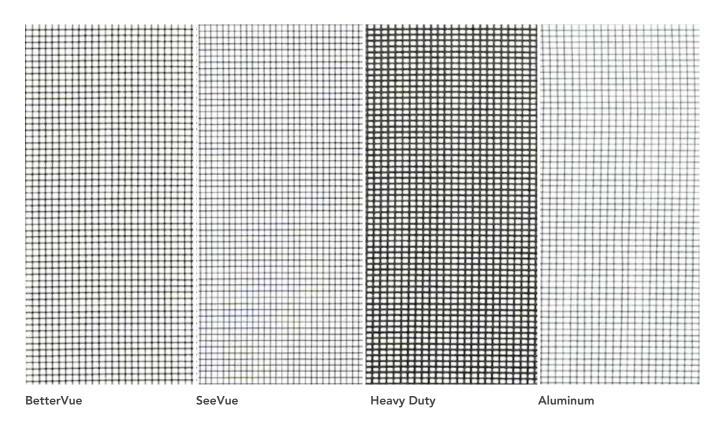
This screen mesh features Phifer's® Water Shed Technology™, which preserves optical clarity by shedding water and resisting dirt and grime. The Water Shed Technology features a hydrophobic coating that will not wash off, which allows the screen to shed water and debris from a rainstorm or garden hose. This means your screen virtually eliminates window panning, a process by which the water fills the open squares in the screen.

OTHER OPTIONS

SeeVue® Stainless Steel Screen Mesh

Much stronger than the standard insect screen, this stainless steel screen is excellent for window applications. It is black coated for improved visibility and allows superior airflow.

Aluminum and Heavy Duty Fiberglass Screen Mesh also available.



Images above are up-close shots of the different types of screen mesh. When viewed from further away, the mesh is not as noticeable.

UPGRADE TO A FLEXSCREEN

Simple Design

PVC coated spring steel frame with no attachment hardware.

Effortless Installation

Simply hold the screen in your hands, bend the sides in, and fit FlexScreen into your screen pocket.



Damage Resistant

No more bent aluminum frames, scratched paint and broken hardware.



FlexScreen easily hides in the window screen pocket, drastically improving sight lines.





Available with BetterVue or Heavy Duty Fiberglass Mesh. Lifetime Limited Warranty.



CHOOSE YOUR WINDOW TYPE

DOUBLE HUNG



Double hung windows are ideal in every room of the house since they are easy to open and clean. Both sash tilt inward, while the screen stays in place. Put two or more double hung windows in a row to create an aesthetically appealing look.

Features

Compound Tension[™] Balance System

Exterior Glazing

Cove Sash Profile

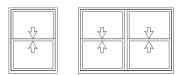
Triple Weatherstripping

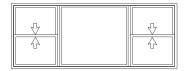
Two DualTech[™] Locks with Integrated Tilt Latches

Dual Vent Locks

Integral Interlock at Meeting Rail

Top Sash Retention





SLIDER



Slider windows are another classic found in many homes. These windows work well above the kitchen sink or in any room where ventilation is important. Slider windows are perfect by themselves or paired with picture windows.

Features

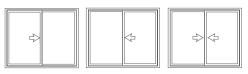
Brass Rollers Exterior Glazing Cove Sash Profile Dual Weatherstripping

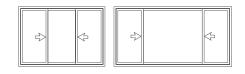
Two DualTech™ Sweep Locks

Extruded Aluminum Half (standard on 2-Lite) or Full Screen

Vent Lock

Anchor Stops (standard on 3-Lite Sliders)





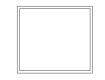
PICTURE

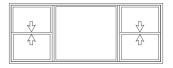


Picture windows are perfect for any room with a view. They help capture the beauty that surrounds your home, while complementing other windows. Pair several picture windows together to bring in the beauty of the outdoors.

Features

Fully Welded Frame Direct Set Glass Interior Glazing Sloped Sill





CASEMENT & AWNING



Casement and awning windows add style and flair to your home, allowing the perfect amount of ventilation desired. Group casement and awning styles together to create a beautiful wall of operational windows.

Features

Exterior Glazing

Corner Drive on Units 56¼" Tall and Taller and at least 24" Wide (Casement)

Multi-Point Locking Hardware

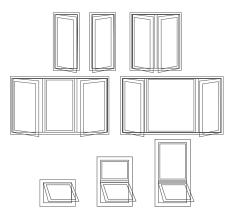
Stainless Steel Hardware Package (Optional)

Fold-Away Handle

Washability Hinge (Casement)

Optional Simulated Double Hung Meeting Rail (Casement)

Quick-Release Dual Arm Operator (Awning)



HOPPER



The hopper window is perfect for a basement, bathroom or laundry room, giving you adequate ventilation and natural light. These windows help add curb appeal to your home, providing light in a space that may otherwise be very dark.

Features

Interior and Exterior Accessory Grooves

Durable Zinc Cast Top Mounting Lock and Hinge

Exterior Glazing

Insulated Panel Option Available to Mull to a Hopper Window

- Dryer Vent Not Included. Must be Installed Separately
- Hopper Window and Insulated Panel Available in White Only



Insulated Panel

Insulated Panel with Dryer Vent



ARCHITECTURAL SHAPES



Architectural shapes will complement your home's unique style, while allowing more natural light to brighten up your space. Shaped windows look great above other styles of windows or they can easily accent a patio door.

Features

Fully Welded Frame

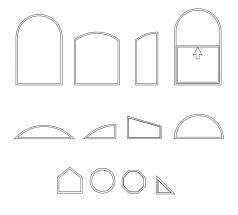
Direct Set Glass

Interior Glazing

Wide Range of Shapes Available

Optional Operating Octagon Shaped Window

Single Hung Circle Top Window



GARDEN



The garden window looks great in a kitchen, bathroom or den, providing a perfect place for decorative accents or foliage and herbs. This unique window style not only allows more light in, but also helps open up your room.

Features

Top Sloped Tempered Insulated Glass

Completely Assembled with Unfinished 1¼" Oak Veneer Head, Jamb & Seat Board

Snap-In Corner Slope Closure Profile Seals Tight

Twin Sealing, Fully Screened Operating Casements with Exterior Glazing

Easy Access Dual-Point Locking Operator

Fold-Away Handle

Fiberglass FlexScreen®



See the Garden Window Product Information Brochure for more information.

BAY & BOW



Bay and Bow windows look amazing in a living room or master suite, giving you the versatility to choose a combination of picture, double hung or casement windows. The seat on a Bay or Bow window is a great place to sit and read or just enjoy the view.

Features

Bay: 3-Lite Unit with 2 Operable Windows with Screens

Bow: 3, 4, 5 or 6-Lite Units with 2 Operable Windows with Screens

Roof Kits Available in wood, painted aluminum and copper.



Bay Window - Hip Style Roof



Bow Window - Hip Style Roof

See the Bay and Bow Vinyl Product Information Brochure for more information.





CHOOSE YOUR COLORS

Endure[™] windows are available in appealing woodgrain interior colors, along with four popular exterior vinyl colors. Remember, each room in your house is unique, so your windows should be too. Choose interior colors to complement each room's style.



Classic Oak, Dark Oak, Traditional Cherry, White Woodgrain and Classic Bronze are laminated options. Not all color combinations are available on all window styles.

Always refer to our color selector for accurate color representation.

TUFTEX Smooth Cladding Colors Aluminum trim coil with mar-resistant smooth finish











UPGRADE TO A PAINTED EXTERIOR

Complement the exterior of your home with painted windows to give your house a distinctive look. Choose from one of ProVia's® standard paint colors (shown below) or use your imagination and custom-match any color of your choice.

The factory-applied paint finish maintains long-lasting color due to its exceptional UV and heat reflective properties. Choosing to paint the exterior of your windows means no worry of peeling, flaking or blistering.

Paint finish will have a 15-year warranty. All painted windows come standard with a FlexScreen (except casement, awning and picture windows). If you choose a painted exterior, allow for additional lead time.

Exterior Paint Finish Options



Always refer to our color selector for accurate color representation.

Custom-Matched Paint Colors

How to Order Custom Painted Windows

- 1. Visit a Sherwin Williams paint store and select a paint color of your choice.
- 2. Specify the selected color name and paint number from the paint color swatch at the time of order.

OR

1. Provide your dealer with three 3" x 3" samples of the selected color for ProVia® to match.

See the Color Lookbook for more exterior paint color options.



Color match fee applies.

SELECT YOUR HARDWARE FINISH

Double Hung and Slider

Standard Finishes









White

Sandstone



Optional Decorative Finishes with DualTech[™] Integrated Tilt Latches







Antique Brass

Satin Nickel

Flat Bronze

Casement and Awning

Standard Finishes



White

Optional Decorative Finishes







Beige





Sandstone

Coppertone



Antique Brass

Satin Nickel

Flat Bronze

Lock-Out Crank Handle (Standard on Casement and Awning Windows)

The lock-out feature prevents the handle from closing prematurely while operating the window. The handle can be easily put in the closed position by engaging the lever on the back (as pictured below).



White, beige or sandstone interior windows come standard with matching hardware. Laminated wood colors come standard with Coppertone hardware.

Upgrade to one of the beautiful decorative finishes on any window, enhancing the overall beauty of your room.







STUNNING ENERGY EFFICIENCY







14-10



WHICH GLASS PACKAGE IS RIGHT FOR YOU?

FFATURING COMFORTECH™ WARM FDGF GI AZING SYSTEM

Most of your new window is glass. That's why we use the ComforTech Warm Edge Glazing System featuring Super Spacer[®] on all Endure[™] windows. This gives you reduced heat loss, warmer glass temperature and reduced interior condensation. The ComforTech system products have passed stringent testing and are IG Certified to ensure seals are durable and will not leak.



The No-Metal Advantage Thermal efficiency through no presence of conductive metals.



Lasting Appearance

Stands up to the natural bending and bowing from temperature changes, barometric pressure and wind load.

Enhanced Noise Reduction

Excellent sound dampening properties reduce outside noise, even in industrial environments.

WHAT'S THE DIFFERENCE?

Krypton Gas

Inert to glass coatings, heat and spacers, krypton gas has the lowest conductivity of any gas used and raises the inner glazing temperature. This gas performs well in small chambers, making it the best choice for triple-glazed glass packages.



Argon Gas

Chemically inert to UV radiation, argon gas insulates better than air. It is sunlight stable, non-corrosive and non-toxic, making it the best choice for double-glazed glass packages.

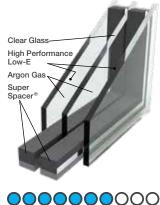


ComforTech[™] **TLK-UV**



R-Value of 10

ComforTech[™] **TLA-UV**

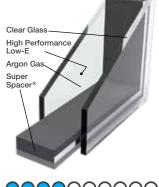


R-Value of 7

ComforTech[™] **DLA-UV-HC**



ComforTech[™] **DLA-UV**



R-Value of 4

R-Value of 5

ADD EXTRA **PRIVACY** AND **TINT** TO YOUR WINDOW

Privacy Options

Choose from five different types of glass if you need light to filter in, yet want to maintain privacy. These glass styles look great in rooms where privacy is important. Regardless of where it is used, privacy glass reduces the likelihood of needing extra window coverings.







WATERFALL





TAFFETA



GLUECHIP

Actual privacy levels will vary depending on your distance from the glass and also the amount of light in the room in comparison to the light outside your home. For extra privacy, choose two panes of privacy glass, rather than just one.

OBSCURE PEBBLE

Tint Options

Tinted glass can help reduce UV transmittance, solar heat gain and glare. Tinted glass options can give a room a whole new look, providing its own unique set of benefits. Be sure to choose the right one for your home.



Clear Glass

Bronze

High visible light transmittance Warm glow to interior décors Complements brick and stone Ultraviolet light protection

Green

Subdues interior brightness High visible light transmittance

Gray

Excellent glare control Exceptional protection against interior fabric and color fading Ultraviolet light protection

Blue

Low shading coefficient High visible light transmittance Solar performance (reduces solar heat gain)

STYLE YOUR WINDOW WITH GRIDS

The style of grids you choose can make a big impact on your home's appearance. Grids look great on the front side of a house or in accent windows throughout the home. You can choose from internal or external grids and several grid patterns including variations of Colonial, Cottage, and Prairie styles.



External Grids

Simulated Divided Lites (SDL)

Grids are applied to the glass on both the interior and exterior of the window. If you decide to get painted windows, choosing SDL's as your grid choice allows the SDL's to be painted to match your exterior window color.

Internal Grids

If you want grids, but prefer not to clean around them, opt for internal grids so you get the same look and feel, without the hassle.





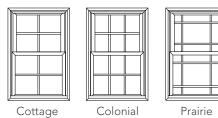
Contoured

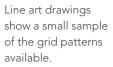
Flat



Bronze

V-Groove Available in ¾" or ¾"







Triple Glazed Glass Internal grids with triple glazed glass are placed between two glass panes with the added efficiency of a third pane.



Double Glazed Glass Internal grids with double glazed glass are placed between two panes of glass.



ADD INTERNAL BLINDS

If cleaning dusty blinds makes you cringe, be sure to add internal blinds to your windows. These blinds are made with sturdy aluminum and are custom-fit to the exact dimensions of each window.

Internal blinds work great in all bedrooms and bathrooms in the house. Blinds can be lifted up to allow maximum light in or they can be tilted to keep some light out and to maintain privacy.

Complement the interior of your home with one of five colors:



Blinds can be added to Double Hung, Casement, Awning, Picture and Slider windows.

Blind slats are $^{1\!\!/_2\!\!\!/_2\!\!\!/_2\!\!\!\!/_2\!\!\!/_2\!\!\!\!/_2\!\!$

Internal Blinds come with a 10-year Limited Warranty.

Allow for additional lead time on your window order.

Blinds and grids not available together.

Blind operator as viewed from the interior of the home

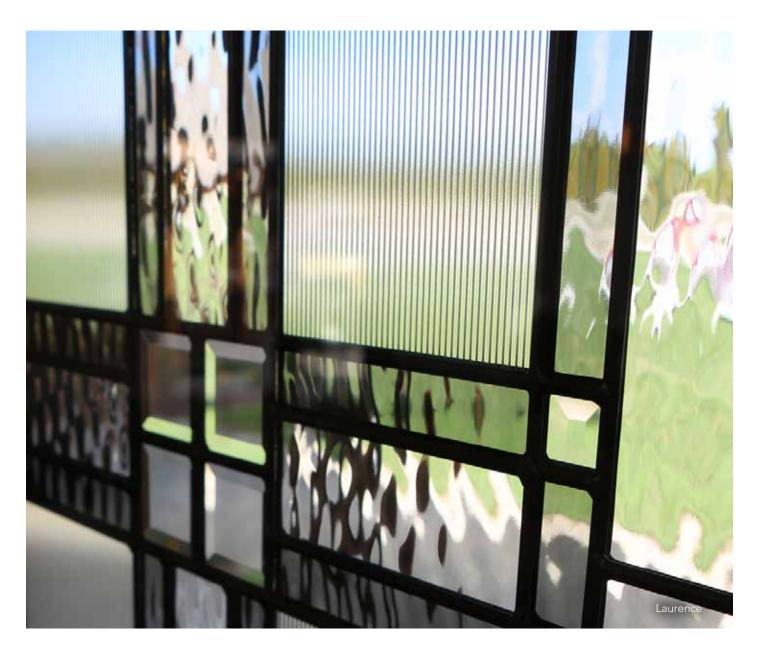


CREATE A FOCAL POINT

WITH DECORATIVE GLASS

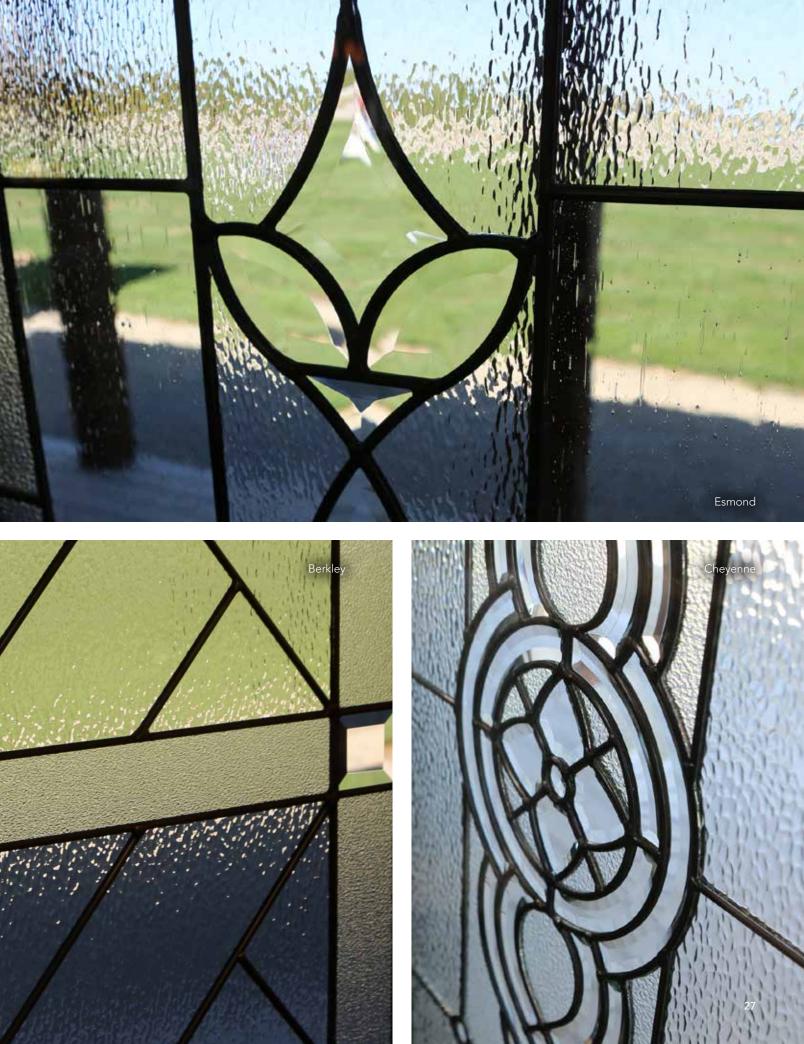
Want to wow your neighbors and add style to your home? Be sure to order one of the decorative glass options when you place your window order. Each piece of glass is unique, customized to fit any window shape and style. Decorative glass can be ordered in full, simplified and transom pattern options. Add some elegance to your design by choosing a caming color to complement your home.

You can add windows with decorative glass to any room in the house. The design options available with this program are virtually endless. The four designs pictured here are just a small portion of what is available.



Decorative glass is available in Double Hung, Casement, Awning, Slider, Picture and Architectural Shape style windows.

Designs will vary depending on window size. A drawing, showing the pattern based on the exact window size ordered, will be provided for approval. Please see the Decorative Glass brochure for more style options. All decorative glass requires additional lead time.



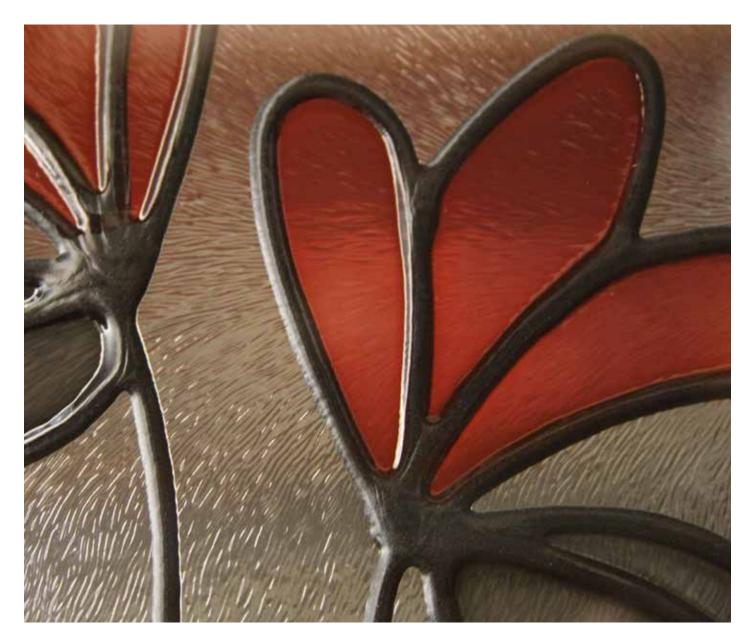
IMAGINE THE POSSIBILITIES

WITH INSPIRATIONS[™] ART GLASS

Inspirations Art Glass allows you to do just what the name suggests, let your windows reflect the inspiration of your imagination with your choice of design and color.

Ask to see our Inspirations Art Glass brochure for available styles and color options, visit **provia.com** or use the ProVia app to create custom color palettes and design your dream window. Inspirations Art Glass is available in Double Hung (top and/or bottom sash), Casement, Awning, Slider, Picture and Architectural Shape style windows.

All Inspirations Art Glass requires additional lead time.













FINISH YOUR WINDOW WITH MASTERFIT[™] TRIM

Add the finishing touch to the interior of your windows with the MasterFit trim system, complete with assembled frame extensions that interlock with mortise and tenon casing. The MasterFit trim system guarantees a precise, custom-fit and long-lasting factory applied finish.

See the Special Order Casing Guide for more casing profile options.

Profile Options





31⁄2" Flat

21/2" Modern Profile 21/2" Colonial Profile 31/2" Colonial Profile

Additional Trim Options





Jamb Extension

21/2", 41/2", or 51/2" W x 3/4" H



Stool 4" or 6" W x 1" H corner locking system ensures strength and durability.





Rosette 37/8"





1¾" W x ½" H

Stain Finishes Oak



Always refer to our color selector for accurate color representation.

DISCOVER MORE

WEBSITE

ProVia.com makes it easy to explore and compare numerous door, window, siding, stone or roofing options in a straightforward, interactive way. Configure a door or window, visualize products on your home, explore color palettes, and learn about different architectural styles—all from our innovative Design Center. Save your favorite products, colors, photos or ideas throughout the site into your own ProVia portfolio for reference any time and share them across your favorite social media platforms. ►

VISUALIZER

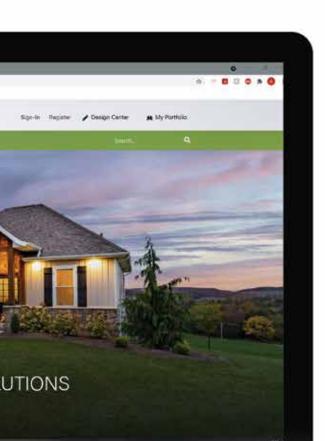
Let your imagination run free with this exterior home design tool. Select from a library of existing home styles or upload a photo of your own home.

In a few easy steps, update your siding color, add stone or metal roofing, configure windows, or create a one-of-a-kind entry door system.

Looking for professionally inspired color and product palettes? Apply one of our pre-selected Designer Collections to create a curb-appealing look. ∇







APP

Use the ProVia app to configure doors and windows or select from an extensive collection of vinyl siding, manufactured stone and metal roofing styles.

FEATURES

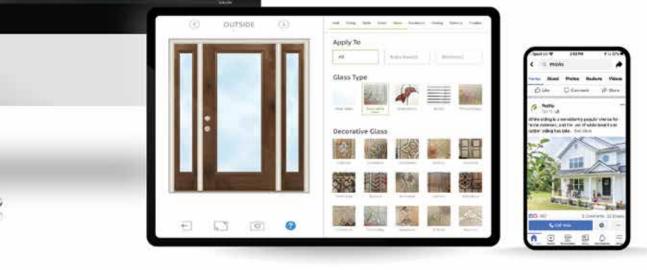
Door and Window Configuration Vinyl Siding Profiles, Colors and Accessory Accents Manufactured Stone Styles, Color Palettes and Grout Options Metal Roofing Profiles, Trims and Colors Videos, Photo Galleries and Catalogs ProVia Dealer Locator



SOCIAL MEDIA

We love seeing how you apply our products to your ∇ home. Please share your photos with us.







"To serve, by caring for details in ways others won't." It's not just our mission, but a way of letting our light shine every day at ProVia[®]. We continually strive to put these words into action by providing unmatched quality and service. The P-icon symbolizes each employee's commitment to devoting the utmost care, pride and quality into each building product we manufacture...it's The Professional Way.



At ProVia, we manufacture energy efficient products and exercise corporate environmental stewardship by recycling, reducing pollution emissions and much more. In fact, our company has received repeated awards from the Environmental Protection Agency such as Partner of the Year - Sustained Excellence for outstanding efforts in energy savings.

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