# ASPECT™ WINDOWS & PATIO DOORS

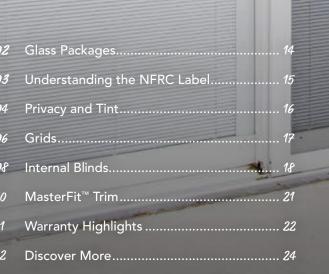


SHOWN ON THE COVER Sandstone Aspect 2-Lite Slider Window with Sandstone Hardware

SHOWN ON THIS PAGE White Aspect 2-Lite Patio Door with White Internal Blinds and Satin Nickel Hardware

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## THE PROFESSIONAL WAY

ProVia® caters to a niche within the window and door market that demands a high degree of customization coupled with outstanding quality. Our company defines the products that meet this demand as "professional-class." We have found success by adhering to a set of core values that guide us as we develop rewarding, long-term relationships with our employees, customers and homeowners.



### INDUSTRY ASSOCIATION

ProVia is a proud member of the Window and Door Manufacturers Association (WDMA) and American Architectural Manufacturers Association (AAMA) - leading voices in our industry. As such, we support advocacy in building code and ASTM standard arenas, quality materials, installation and design in Doors and Windows.



### **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.





### Dear Homeowner

At ProVia<sup>®</sup>, we consistently raise the bar in our engineering and manufacturing processes to bring top-performing products to market, as evidenced by this, our 15th ENERGY STAR<sup>®</sup> award. We're honored to help American families and businesses save energy and money every day. ProVia prioritizes energy efficiency education as well, through dealer/distributor training and marketing materials.

At ProVia, we truly care about our customers and our products. Every employee is committed to providing you with an exceptional experience, and we take seriously the trust that homeowners place in us to design and craft building products that excel in durability, energy efficiency, security, and long-lasting beauty.

Ma Philler

Brian Miller, President & CEO

ENERGY STAR AWARD 2022 PARTNER OF THE YEAR Sustained Excellence

## **ENERGY STAR<sup>®</sup>**

#### WE'RE COMMITTED TO ENVIRONMENTAL STEWARDSHIP

When you purchase energy-efficient doors or windows from ProVia, you're doing more than conserving energy in your own home. You're supporting our company's commitment to protecting the environment that we all call home.

#### **ENERGY EFFICIENCY & SUSTAINABILITY**

We are committed to exercising corporate environmental stewardship because it aligns with our Core Values of Integrity, Continuous Improvement and Sustainability. Every day, we strive to do our part to protect our natural resources by recycling, reusing materials where appropriate, and reducing pollution emissions.



In 2021, we completed installation of a 1.792 MW solar array at our stone manufacturing facility, comprised of 4,480 solar panels. It is expected to reduce electrical power consumption by 60% and to prevent emission of 1,472 tons of CO2 annually.

Sustainable product development is important to ProVia—in addition to the solar array, our stone manufacturing plant employs rainwater holding tanks and uses recycled water on the production line, our residential metal shake and slate roofs are manufactured from domestically sourced recycled steel, and our siding products contribute to LEED and ICC 700 National Green Building standards.

#### ENERGY PERFORMANCE CALCULATOR



ENERGY STAR and the EPA are committed to improving manufacturer's products to ensure energy-efficient products are being produced.

ProVia is committed to helping you find energy-efficient doors and windows that meet ENERGY STAR requirements.

Follow the QR Code to find the NFRC ratings and ENERGY STAR qualifications of a window or patio door.



### YOUR VERSATILE WINDOW SOLUTION

Aspect<sup>™</sup> windows are constructed of SunShield<sup>®</sup> 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 is the low-maintenance choice for residential use.



#### SUPERIOR WEATHERABILITY

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





Sandstone Aspect Casement and Fixed Casement Windows

## WINDOW FEATURES

Aspect<sup>™</sup> windows can be completely customized to fit your exact style. Everything from the size of the window, the color, hardware finishes, glass packages and trim options can be chosen by you.



### The Components



FRAME Aspect windows are constructed with a 3¼" vinyl frame. Both the sash and frame are welded for increased strength.



BARRIER-FIN WEATHERSTRIPPING This weatherstripping provides a barrier against air, water, dust and noise.



BETTERVUE® FIBERGLASS MESH This mesh is very durable and

flame retardant, providing an enhanced view, increased insect protection and improved airflow.



INTEGRAL INTERLOCK\* The top and bottom sashes come together with an extruded (integral) interlock to ensure stability when locking the window.

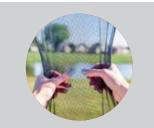


GLASS PACKAGE Aspect windows feature a ¾" ComforTech™ Insulated Glass Unit. A DLA glass package is standard. See page 14 for other options.



BULB SEAL WEATHERSTRIPPING This weatherstripping prevents

water from penetrating the foam cell structure and has a unique UV-resistant barrier.



FLEXSCREEN® (OPTIONAL) A great alternative screen frame option that is easy to install. It perfectly hides within the window frame, drastically improving sight lines.



BALANCE SYSTEM\* The Constant Force balance system allows the top and bottom sashes on a Double Hung window to effortlessly slide up and down.



**INSULATION (OPTIONAL)** A graphite foam insulation

can be added to the frame, providing greater energyefficiency and performance.



ROLL FORM SCREEN FRAME A sturdy frame that holds the screen mesh in place and is easy to remove for cleaning and maintenance.



**PROFILE™ SA LOCKS\*** SA stands for "Single Action" - it locks the window with a simple sweep.



**REINFORCEMENT** INNERGY® Thermal Reinforcements are the innovative, energy-efficient alternative to aluminum with added insulating properties making it 700x better.

## PATIO DOOR FEATURES

Aspect<sup>™</sup> patio doors can be completely customized to fit your home. Everything from the size of the door, the color, hardware finishes, glass packages and other glass options can be chosen by you.



### The Components



REINFORCEMENT Galvanized steel reinforces the panels and sill to ensure rigidity and stable operation.



PATENTED WATER DRAINAGE SYSTEM

This allows water on the sill to drain to the exterior of the home.



**INSULATION (OPTIONAL)** A graphite foam insulation is added to the frame, providing greater energy-efficiency and performance.



**SLIDING SYSTEM** A patented sliding system, featuring four adjustable 1" wheels per operating panel, allows the sash to glide effortlessly on the sill.



ALUMINUM SCREEN FRAME A rigid and durable

frame that holds the screen mesh in place and is easy to slide within the screen track.



BARRIER-FIN WEATHERSTRIPPING This weatherstripping provides a barrier against air, water, dust and noise.



FOOTLOCK

In addition to the multi-point lock, this secondary security feature locks the active sash at the sill in two positions: completely closed or slightly open to allow air in.\*



SCREEN LATCH A spring-loaded screen latch system automatically engages upon closing.



### BULB SEAL WEATHERSTRIPPING

This weatherstripping prevents water from penetrating the foam cell structure and has a unique UV-resistant barrier.



ACCUVENT<sup>™</sup> (OPTIONAL) ProVia's<sup>®</sup> proprietary design featuring a sash lever combined with a top-mounted ratchet and lock system allowing multiple venting locations and peace of mind.\*



BETTERVUE® FIBERGLASS MESH

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



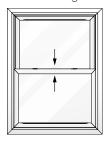
GLASS PACKAGE Aspect patio doors feature a 1" ComforTech<sup>™</sup> Insulated Glass Unit. A DLA glass package is standard. See page 14 for other options.

\* Neither AccuVent nor Footlock are available for wind load or coastal impact rated patio doors.

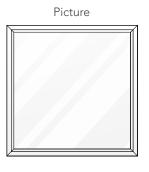
### **TYPES**

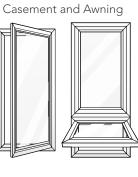
### Windows

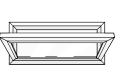
Double Hung





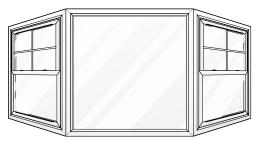




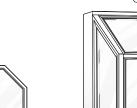


Hopper

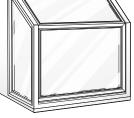
Bay and Bow



Architectural Shapes



Garden



Patio Doors



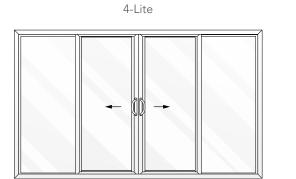


**Fixed Sidelites** 

Transoms

3-Lite





### COLORS Interior and Exterior Vinyl



### Tuftex Smooth Cladding\* Colors

\*Aluminum trim coil with mar-resistant smooth finish



Always refer to our color selector for accurate color representation.





Satin Nickel Signature Hardware with Keylock

### HARDWARE

### Windows

Double Hung and Slider

### Casement and Awning



Profile<sup>™</sup> SA Lock May upgrade to Profile<sup>™</sup> DA locks

### Patio Doors

Classic Hardware available with and without keylock



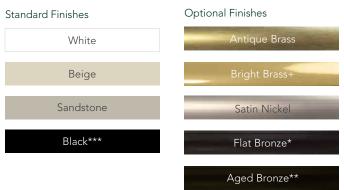
Lock Out Crank Handle (Optional) The lock-out feature prevents the handle from closing prematurely while operating the window. The handle can be easily put in the closed position by engaging the lever on the back.

Signature Hardware (Optional) available with and without keylock





### Window and Patio Door Hardware Colors

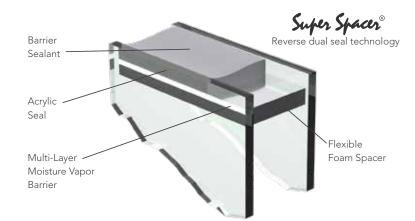


- + Bright Brass is available for patio doors only.
- Flat Bronze is for windows and Classic patio door hardware and is not an exact match to Aged Bronze.
- \*\* Aged Bronze is for Signature patio door hardware and is not an exact match to Flat Bronze.
- \*\*\* Black is available for patio doors only.



### **GLASS PACKAGES** Featuring Comfortech™ Warm Edge Glazing System

Aspect<sup>™</sup> windows and patio doors are primarily made up of glass. That's why we use the ComforTech Warm Edge Glazing System featuring Super Spacer® on all Aspect products. This gives you reduced heat loss, warmer glass temperature and reduced interior condensation. All ComforTech 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.



Mylar 10-Layer Vapor Barrier Moisture is kept out, gas is kept in and



### 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.

ComforTech™ **TLA-UV** 



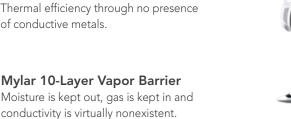
### **Argon Gas**

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.

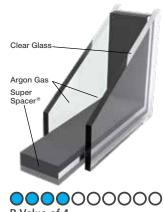


**Standard for Aspect** ComforTech<sup>™</sup> **DLA-UV-HC** ComforTech<sup>™</sup> **DLA-UV** ComforTech<sup>™</sup> **DLA** Clear Glass Hardcoat Glass Clear Glass High Performant Low-E UV High Performance Low-E UV Argon Gas Argon Gas Argon Gas Super Supe Supe 0000000000 0000000 00000000000 R-Value of 4 R-Value of 5 R-Value of 4

Several other double and triple glazed glass packages are available, including with Krypton Gas (triple glazed only) as well as Hard Coat and Low-E options.









Clear Glass

Argon Gas

Supe

High Performance Low-E UV

R-Value of 7

## **UNDERSTANDING THE NFRC LABEL**

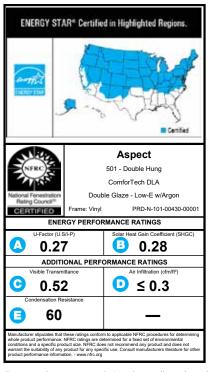
better insulating value.

scored on a scale of 0 to 100.

SHGC is measured on a scale from 0 to 1.

transmittance is measured on a scale from 0 to 1.

numbers indicate air is kept from entering or escaping.



For example purposes only. Numbers will vary based on the window or patio door package chosen.

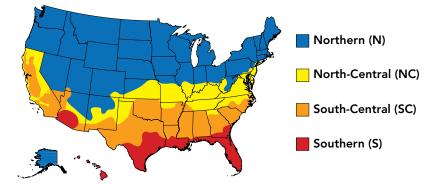
### **ENERGY STAR<sup>®</sup>**

There are some important things to note about what makes a window or patio door ENERGY STAR certified.

ENERGY STAR certified windows and doors:

- 1. Are manufactured by an ENERGY STAR partner
- 2. Are independently tested, certified and verified by the National Fenestration Rating Council (NFRC)
- 3. Have NFRC ratings that meet voluntary energy efficiency guidelines set by the U.S. Environmental Protection Agency (EPA)

Though ENERGY STAR does not require any specific technologies, certain product features are common in many certified products.



Information on pages 18 & 19 is accurate as of December 2022. Visit provia.com to view the most up to date version of this brochure.

### ENERGY STAR REQUIREMENTS

\Lambda U-Factor – Insulating value of the entire window system. Lower numbers reflect

C Visible Transmittance – Amount of visible light passing through the glass.

B Solar Heat Gain Coefficient (SHGC) – Amount of heat from the sun passing through the glass. Lower numbers indicate glass is keeping heat from entering your home.

Higher numbers indicate glass is allowing more light to enter your home. Visible

Air Infiltration – How much air is entering or escaping through the window. Lower

E Condensation Resistance – Amount of moisture it takes for glass to condensate

when exposed to extreme interior and exterior temperature changes. Higher

numbers indicate better resistance to condensation. Condensation resistance is

WINDOW	/S		
Climate Zone	U-Factor	SHGC	
Northern	≤ 0.27	Any	Prescriptive
	= 0.28	≥ 0.32	Equivalent Energy Performance
	= 0.29	≥ 0.37	
	= 0.30	≥ 0.42	
North Central	≤ 0.30	≤ 0.40	
	≤ 0.30	≤ 0.25	
Southern	≤ 0.40	≤ 0.25	

## **PRIVACY AND TINT**

### 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.



Chinchilla



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, contact customer service to add an extra pane of privacy glass to your window or patio door order.

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)

## **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) \*Windows only

Grids are applied to the glass on both the interior and exterior of the window.



### Internal Grids

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



Contoured



Pencil Available in Satin Nickel, Brass and Bronze (for windows only)



Flat



V-Groove Available in ¾"

2	<u> </u>

Cottage





Colonial

Colonial

Prairie



Prairie

## **INTERNAL BLINDS**

Internal blinds are a convenient option for blocking harsh sunlight and increasing privacy on windows and patio doors.

Constructed with sturdy aluminum and enclosed in tempered safety glass, the blinds are protected from weathering, damage, and dust, and they are not a hindrance to cleaning your glass.

Blind operator as viewed from the interior of the home



Windows

Patio Doors

Blind slats are ½" wide. Internal Blinds come with a **10-year Limited Warranty.** Allow for additional lead time on your window and patio

Blinds and grids not available together.

door order.

Not available in 50" x 80" or 96" x 80" patio door sizes.





White Aspect<sup>™</sup> Picture Window with White Internal Blinds

2½" Colonial Style MasterFit Trim Painted Snow Mist White

10/202

## **MASTERFIT<sup>™</sup> TRIM**

Add the finishing touch to the interior of your window 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. For available paint and stain color options, refer to provia.com.



### Additional Trim Options



Traditional Interior Stop

1¾" W x ½" H



Jamb Extension 2½", 4½", or 5½" W x ¾" H



Stool 4" or 6" W x 1" H





Rosette 3<sup>7</sup>/8"

## WARRANTY HIGHLIGHTS



#### BASIC WINDOW OR PATIO DOOR UNIT - LIFETIME TRANSFERABLE

The rigid vinyl and factory-applied wood components of the window or patio door (not including factory installed jamb extensions), are warranted against chipping, cracking, peeling, pitting, blistering, warping or delamination for as long as you own and live in the Home in which the product was originally installed. This warranty is transferable to one subsequent purchaser.



### HARDWARE - LIFETIME

ProVia<sup>®</sup> further warrants the moving parts, such as balances on double-hung windows and locking mechanisms in all units, for as long as the original purchaser owns and lives in the Home in which the product was originally installed, if those parts are not free from defects in material and workmanship under conditions of normal use and wear.



#### PATIO DOOR HANDLES - LIFETIME / 1 YEAR

ProVia further warrants all patio door handles with a Bright Brass, Satin Nickel or Aged Bronze finish against tarnishing for as long as you own and live in the Home in which the product was installed. Patio door handles with a painted finish, Flat Bronze, Modern Bronze or Antique Brass finish are warranted against flaking, checking, blistering or peeling for a period of (1) year from date of installation.



#### INSULATED GLASS UTILIZING SUPER SPACER® - LIFETIME

ProVia further warrants the insulated glass units utilizing Super Spacer in its vinyl windows or patio doors against defects resulting in material obstruction of vision as the result of film formation between the interior glass surfaces caused by failure of the air-tight seal, for as long as the original purchaser owns and lives in the Home in which the product was originally installed. Small spots, marks, lint, and scratches not exceeding applicable glass manufacturing specifications imposed by Federal Specification 1036-90 will not constitute defects under this warranty.



#### **GLASS BREAKAGE - LIFETIME**

ProVia further warrants the insulated glass units utilizing Super Spacer in its vinyl windows or patio doors against breakage as follows: (1) If the glass in a properly registered and warranty covered unit breaks as the result of a manufacturing defect; (2) In the event of an accident in the Home that is not covered by insurance or is of an amount that is within the insurance policy deductible, ProVia will replace the glass free of charge, for as long as the original purchaser owns and lives in the Home in which it was originally installed. Glass breakage is not covered for insulated glass units with internal blinds or insulated glass units in Garden Windows.



#### **SCREENS - LIFETIME**

Further, ProVia will replace under normal conditions of use, for as long as the original purchaser owns and lives in the Home in which the product was originally installed; for manufacturing defects, if the fiberglass, aluminum or stainless steel screening is not free from rotting, staining, or rusting. No warranty herein covers torn screen mesh caused by abnormal use, negligence, or other means not controlled by ProVia.



#### **FLEXSCREENS - LIFETIME**

Further, ProVia will replace under normal conditions of use, for as long as the original purchaser owns and lives in the Home in which the product was originally installed; for manufacturing defects, if the fiberglass screening is not free from rotting, staining, or rusting. No warranty herein covers torn screen mesh caused by abnormal use, negligence, or other means not controlled by ProVia.



### **INTERNAL BLINDS - 10 YEAR**

Internal blind units are warranted against seal failure and defects in material and workmanship for a period of ten (10) years from date of installation.



#### BAY, BOW & GARDEN WINDOWS - 10 YEAR

Bay and Bow windows (frames and roof kits) and Garden Windows (frames, sashes, hardware and insulated glass units) are warranted against defects in material and workmanship for a period of ten (10) years from date of installation. Garden windows are not available in the Aeris series.



#### TRANSFERABLE WARRANTY

The Warranty on the basic window or patio door unit is transferable by the original purchaser to one subsequent purchaser for purchaser's personal residence provided the warranty transfer is completed within thirty (30) days after the date of transfer of ownership. Warranty transfers must be completed online at www.provia.com/warranty.



#### **NON-RESIDENTIAL & MULTI-FAMILY APPLICATIONS**

Where the structure in which the product is installed is not a single family residence occupied by the purchaser, or is owned by a public or private corporation for profit or non-profit, an unincorporated association or other business entity of any type recognized by law, a church, a school, a governmental or public authority, the time periods stated in this warranty shall be limited as follows: Basic Window or Patio Door Unit – 5 Year (non-transferable); Hardware - 1 Year; Insulated Glass – 10 Year (glass breakage not included); Internal Blinds – 5 Year; Screens – 5 Year; and Finishes – 1 Year.



#### **COASTAL APPLICATIONS**

For products that are installed in a Coastal region the time periods stated in this warranty shall be limited as follows: Non stainless steel hardware mechanisms in Casement Window & Patio Door units - 5 Year Mechanical Warranty; Aged Bronze, Bright Brass or Satin Nickel Patio Door Handles – 10 Year Finish. Definition of Coastal Regions: For information and maps of Coastal regions please go to www.provia.com/coastalwarranty.



View the Complete Warranty on provia.com

## **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<sup>®</sup> portfolio for reference any time and share them across your favorite social media platforms. ►



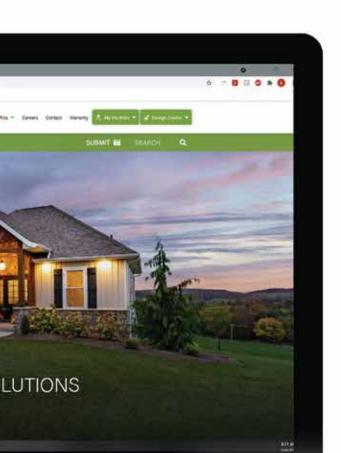
### VISUALIZER

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.  $\nabla$ 





### 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

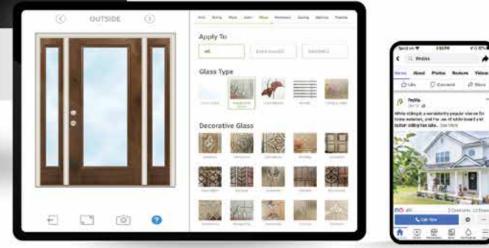
Door and Window Configuration Vinyl Siding Profiles, Colors and Accessory Accents Manufactured Stone Styles, Color Palettes and Grout Options Metal Roofing Profiles, Trims and Colors Videos, Photo Galleries and Catalogs ProVia Dealer Locator



### **SOCIAL MEDIA**

We love seeing how you apply our products to your  $\nabla$  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<sup>®</sup>. 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.

Distributed by:



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