

BainbridgeTM *Plus*



America's Choice for Windows

WN
WINDOW NATION
WINDOWS • SIDING • DOORS

www.WindowNation.com

The Window Nation Story

Window Nation, Inc. was started by the Magden brothers with the mission of offering premium name brand products installed by highly skilled licensed professionals and guaranteed by the most comprehensive warranty in the industry. Still family owned and operated, the Magden family takes great pride in every one of the nearly 1800 installations we complete each year.

Why Thousands of Customers Have Already Chosen Window Nation

- Over 30 years of combined experience in installing premium windows, siding & doors
- Licensed by the Maryland Home Improvement Commission (#124358), State of Virginia (#2705-109436) and the State of Ohio
- Member of:
 - NARI
 - PRO
 - Better Business Bureau in Ohio, Maryland, Virginia and Washington DC
- Energy Star Partner
- Winner of the Angie's List Super Service Award at all three locations
- Customers are always protected by Window Nation's insurance policy for \$2,000,000
- Exclusive products professionally designed specifically for dual climate locations
- Exclusive products that exceed industry energy and performance standards by up to 82%
- Installation completed by factory trained licensed professionals to guarantee perfect craftsmanship
- 94% of all customers who completed our post installation survey told us they were "very satisfied" and 98% of our customers would refer us to their friends and family
- Comprehensive Non-Prorated Lifetime Warranty with 15 Year Non-Prorated Transferability
- 24 Hour Emergency Customer Support
- Full service showroom with full size displays of windows and doors



1-866-986-2846



Certification

THERMAL PROPERTIES

1. U-Factor
2. Solar Heat Gain Coefficient
3. Visible Transmittance



The **National Fenestration Rating Council** (www.nfrc.org) is an independent agency organized to help you quantify manufacturer's thermal efficiency claims. Working closely with Energy Star to help consumers fight the waste of valuable energy, the NFRC measures the overall thermal performance of a test specimen window. The official results are published on the NFRC label that is placed by the manufacturer on every window. Results are also published on the NFRC website. The glass package, the window material and its components, and the form and function of the window selected will affect the overall U-factor of the finished product. The lower the U-factor is, the better the window's overall thermal performance. Soft-Lite worked deliberately to design Bainbridge with key thermal features that make it one of the best-performing windows you can buy. We have selected materials for our product that work well together as a system to produce the lowest possible U-factor so you can stop wasting energy and live in a more comfortable, efficient, and beautiful home. Bainbridge is one of the best-performing NFRC certified products in the window industry.

STRUCTURAL DESIGN PERFORMANCE



1. Air Leakage
2. Water Penetration
3. Wind Load Design Pressure

The **American Architectural Manufacturer's Association** (www.aamanet.org) is the source of performance standards, product certification and educational programs for the window, door and skylight industry. Soft-Lite has been an AAMA Gold Label Certified Member which is the highest available designation, for many years. AAMA executes no test for thermal performance like the NFRC. Instead, AAMA measures and quantifies the overall performance characteristics of the window design itself. First, the test specimen window is tested for air leakage by a fraction of cubic feet per minutes at 25 mph winds. Next, the same window is subject to the equivalent of an exceptional 8" per hour rainfall at increasing wind speed until water actually penetrates established barriers and diversions in design through the window. Finally, the same window is blown dry under increasing wind speed until it eventually breaks. Bainbridge is one of the best-performing AAMA Gold Label Certified products in the window industry.

Lifetime Warranty

Our Lifetime Warranty protects your investment and our reputation. It guarantees that all moving parts and the hermetically insulated seal in our windows are free from defects in materials or workmanship. It also guarantees that our vinyl colors will remain true for the life of your home. Non-prorated. Transferable. A glass-breakage warranty is available.

BainbridgeTM Plus

Packed with Features.
Loaded with Value!



AAMA GOLD LABEL CERTIFIED PERFORMANCE

Air: .07cfm at 25mph*
Water: R40 54mph**
Structural: DP45 162mph***
NFRC Thermal Performance:
 UltraTM Glass: U 0.25
 Double Pane, Low-E *Plus*/argon: U 0.29

More details about glass on page 9.

Bainbridge Plus is an AAMA Gold Label product. See www.aamanet.org for details.



The narrow line frame of Bainbridge Plus provides more viewing area.



Vent Stop, when deployed, will limit sash travel to allow for ventilation.



Full-Profile Head for classic aesthetic appeal.



1. Soft-Stik[™] insulation inserts provide better thermal performance.
2. Metal Reinforcement ensures maximum structural performance.

Double Hungs

Bainbridge Plus provides structural integrity and pleasing aesthetics more affordably.

1. World-Class Robotic Assembly.

Consistent fabrication quality from window to window. Fusion-welded sashes and frame are built squarely. Narrow manufacturing tolerances produce a tight window that best prevents air and water infiltration.

2. Dura-Sill™ Engineered Sloped Sill.

Tight mortise-cut, double-wall sill dam extends inside the jamb, eliminating the need to caulk an open seam.



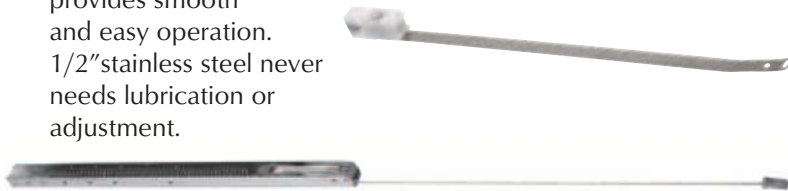
3. Soft-Seal™ Straddle Gasket.

Closed-cell neoprene, cushion-gasket under the sash straddles the exclusive sill rail under compression when locked. One of several tight barriers and diversions built into Dura-Sill™.



4. Certa-Force™ Balance System.

AAMA Class 2 device provides smooth and easy operation. 1/2" stainless steel never needs lubrication or adjustment.



Compare to old-fashioned "block and tackle" balance system that uses string, a wire spring, and plastic pulleys in a large metal housing that creates a thermal short circuit inside the window jambs.

5. Dual-Fin, Wool-Pile Weatherstripping.

Protects around the perimeter of all sashes to fight air infiltration.

6. Cam-Action Lock

pulls sashes tightly together to prevent air infiltration. (Double Hungs - double locks on widths greater than 24". Sliders - double locks on heights greater than 24").

7. Intercept®.

Standard warm-edge spacer and sealant system is fully automated for condensation resistance and seal integrity.

8. Super Spacer®.

Optional metal-free spacer system available for Health Smart Windows®. See page 8 for details.



9. Integral Ergonomic Lift Rails

Buyer beware of any window with snap-in lift rails that frequently snap-out. Features comfortable ergonomic design.

10. Balance Cover

provides finished aesthetic appeal.

11. Strong, extruded metal screen frame

features unobtrusive black fabric and matching black spline.

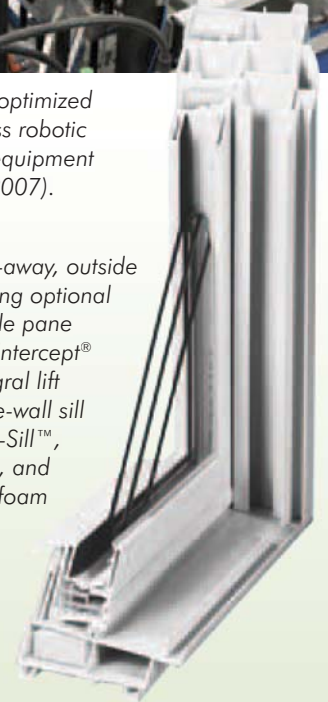


Extruded metal screen



Computer optimized World-Class robotic assembly equipment (installed 2007).

Corner cut-away, outside view showing optional Ultra™ triple pane glass with Intercept® glass, integral lift rail, double-wall sill dam, Dura-Sill™, Soft-Seal™, and Soft-Stik™ foam insulation.



Window & Door Vinyl Colors

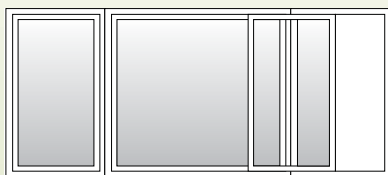
Soft-White™

Beige

Brown

*4.3 times better than industry minimum .30cfm. **8" rain per hour (64% over industry minimum 33mph). ***72% stronger than industry minimum 94mph. Test results vary by style and size of window. Size tested is 44" x 63" with SSB glass.

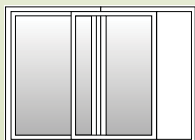
Sliders



3-lite 1/4-1/2-1/4 configuration



3-lite 1/3-1/3-1/3 configuration



2-lite

In 3-lite sliders the center sash is fixed while the two side sashes slide open and closed for ventilation.

In 2-lite sliders both sashes slide open and closed.

Consider our traditional slider for a unique change from the double-hung style. All the same energy efficient and beautiful features which make our double hung windows a superior choice also apply to our slider line.

All sliders provide smooth operation on our tandem brass rollers and they have an innovative unique sill drainage system which reduces air infiltration and improves comfort.



Durable brass sash rollers.

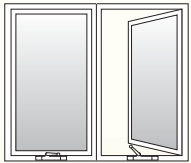


Our unique Swing & Clean Slider offers all the benefits of a normal slider, along with the convenience of swing-in sashes for easy cleaning of the outside glass. The sash has a positive lock feature in the swing-in position.

Casements



Casement windows define a special look and feeling for your home. Whether in multi-window configurations or as individual windows, casements offer many aesthetic choices.



The single-lever lock handle makes operation almost effortless, yet very secure with its multiple locking points.

AAMA GOLD LABEL CERTIFIED PERFORMANCE

Air: .05cfm at 25mph*

Water: R40 54mph**

Structural: DP45 153mph***

NFRC Thermal Performance:
Double Pane, Low-E with argon and intercept: U 0.27



Due to the unique hinge design our casement is easy to clean...inside and out...from inside the comfort of your home. Optional fold down handle (shown).



Multi-chambered casement sash and frame with Soft-Stick™ foam provide durability and insulation.



Hidden corrosion-resistant steel locking claws engage in self-lubricating keepers, ensuring a positive, secure and weather-tight seal.



New invisible retention hardware system eliminates unsightly screen clips used on traditional casements.



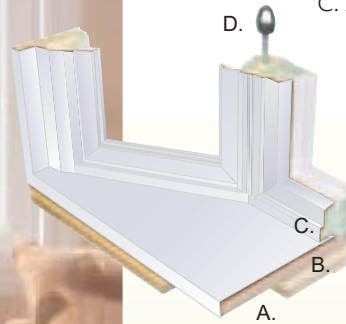
Multi-point lock activator engages or disengages multiple sash locks with one easy single lever design.

Beautiful Bays, Bows & Gardens



Standard Bay/Bow window construction which features:

- A. 1.25" thick laminated hardwood.
- B. Standard R-9 Super Seat™ insulated seat board with 3/4" exterior-capped plywood.
- C. All mull cavities are insulated completely with Comfort-Foam™ for maximum energy efficiency.
- D. Chain support system standard for additional strength.



Enhance any room with the three-dimensional effect of Bay, Bow or Garden windows.

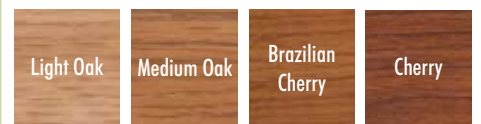
- Your choice of 3- to 6-lite configurations.
- Your choice of 10°, 15°, 30°, or 45° projections.
- Available with operating end casements, double hungs or picture windows.
- Glass options for all Bays and Bows include High Performance Low-E; Ultra triple-glazed; Ultimate triple-glazed; tinted and tempered glass.
- Optional Decorative Glass is available in a wide variety of glass colors and patterns.
- Optional Contour and Standard Grids are contained within the insulated glass.
- Optional Painted Aluminum Roofs are available in 28 decorator colors.
- Optional Copper Roof System can be preserved with Inralac protective coating, or allowed to turn Patina Green over time.
- Optional Wood Roof System also available.



Garden windows can be ordered with a Du Pont™ Corian® Seat insert that is impervious to water and scratching ... ideal for plants. This optional seat comes in Cameo White, Beach, Primrose, Sunset, Malachite and Dusk.



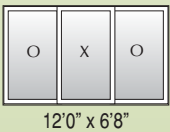
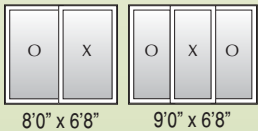
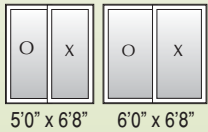
Woodgrain Colors for both Windows and Doors



Thermal Glide™ Doors



Patio Door Configuration



"X" designates operating panel.

"O" designates fixed panel.

All perspectives viewed from outside looking in.

Choose your preference of right-hand or left-hand operating panels.



Never clean miniblinds again. All patio doors and windows (except awning windows and some specific shapes) are available with internal miniblinds in a tilt-only option. Certain restrictions apply.

Our popular Soft-Lite Thermal Glide™ patio door is the work-horse of the industry. It comes fully loaded with state-of-the-art features such as: Allerguard weather-stripping which incorporates anti-mold, -mildew and -bacteria properties, a sliding screen door that resists twisting, warping and "rack jumping," an extremely durable fiberglass threshold that won't rot or warp, and an AAMA air infiltration rating of .09cfm at 25 mph, which is 20 times better than industry standard.

To ensure your Thermal Glide patio door will fit perfectly and operate exactly as designed, the frame and sashes are welded at the plant and all two-panel doors are shipped fully assembled. The center panel of a three-panel door is packaged separately to prevent shipping damage.

Multi-Point Locking Handles



the internal springs are made from stainless steel). Color options include brass and nickel.

Single Lock Handles



Single-Lock handles come standard in powder coated paint colors of white, cream-white, beige, and brown. Other color options include your choice of brass, antique brass, and nickel.



Durable screen door.



Heavy duty brass rollers provide smooth operation.

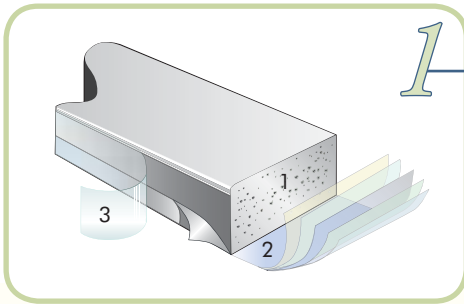


Our optional heavy-duty patio door vent stop adds security while allowing ventilation.



Metal reinforced sash provides structural strength.

The Innovative Technology Behind Insulated Glass with Super Spacer



1. Thermoset silicone foam matrix.
2. Proprietary multi-layer vapor barrier.
3. Structural adhesive combines with perimeter edge sealant for dual performance and durability.

SUPER SPACER® ... THE TrueWARM® SPACER

SUPER SPACER is the world's only 100% foam, METAL FREE Warm Edge sealing system. Super Spacer between the panes of a triple pane insulated glass unit blocks the heat escape path and provides one of the best thermal performances in the industry.

Metal Free Super Spacer is flexible and resists stress. Metal spacers are rigid, resulting in seal failure from seasonal temperature changes; the less metal you have, the lower your U-Value, and the more energy efficient your window is.

SUPER SPACER® MINIMIZES CONDENSATION

The primary window condensation culprit is the spacer between the glass panes. Common spacers made with metal conduct heat and cold, causing condensation at the edge of the glass. Only a warmer edge surrounding the glass will strike at the heart of the problem.

The world's only TrueWARM® edge occurs with Super Spacer, the insulating foam spacer that reduces condensation and allows for comfortable household humidity levels.

- **Metal spacers** cause condensation, which is unsightly, and can lead to stained wood, peeling paint, and rotted frames.
- **Window condensation** contributes to mold growth inside window and wall openings.
- **Mold** has been linked to child asthma and increases in general respiratory illness, allergies, and outbreaks of fungal diseases.

2



Super Spacer fights condensation and mold like no other warm edge spacer.



Metal Spacers causes condensation to form around the glass perimeter. This moisture promotes mold growth.



Metal-Free Super Spacer® Dramatically reduces interior condensation and mold growth.



Microscopic image of mold growth caused by excess humidity.

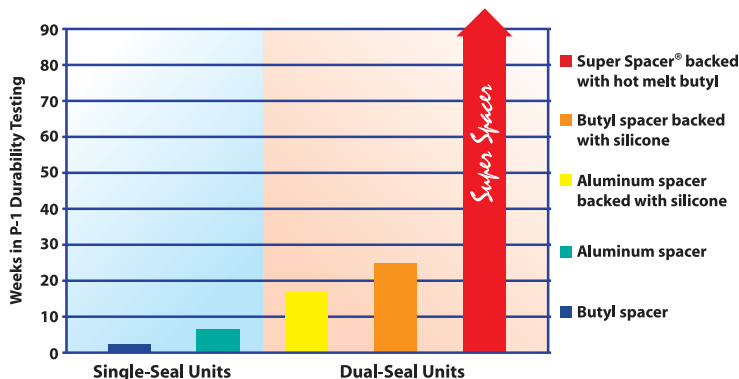
Super Spacer gives you up to **+16.6°** warmer temperatures at the edge of the glass.

Test Conditions:
Outside temp.: 0°F ±2°F Inside temp.: 70°F ±2°F

3

STRENGTH

Super Spacer sealed units have up to twenty times the life expectancy of single seal insulating glass systems. The P-1 durability test at left shows the dramatic difference Super Spacer makes in the longevity of your insulated glass system.



The P-1 test is considered to be the world's toughest durability test. All units are continuously exposed to 140°F (60°C), 95-100% humidity and constant UV bombardment. Each week of testing is equivalent to approximately one year of actual field use. Super Spacer units have also tested to show a loss of less than 1% Argon gas in 5-years of service life simulation.

WORLDWIDE CERTIFICATION

Super Spacer has met the following global standards:

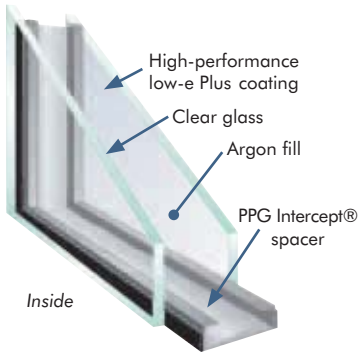
North America - HIGS ASTM E2188, E2189, E2190	CEN1279-Parts 2 & 3
USA - ASTM E773/774	Great Britain - BSI 5713
Dade County Hurricane Test	Norway - NBI Testing
Canada - CGSB 12.8 M-90	China - GB11944 - 1989
Germany - DIN 1286 Teil 1 & 2	Spain - SELLO-INCE
	France - CSTB

Select Among High-Performance Glazing Options

Window Nation utilizes the best available glass products from leaders in the industry who focus exclusively on glass fabrication. Our technologically-advanced, robotically manufactured insulated glass packages offer a choice of insulation performance which

can be tailored to your geographic location and directional sun exposure. This ability to fine tune your windows' performance can assure maximum energy savings and resistance to condensation.

High Performance Bainbridge with LOW-E Plus™ GLASS WITH INTERCEPT




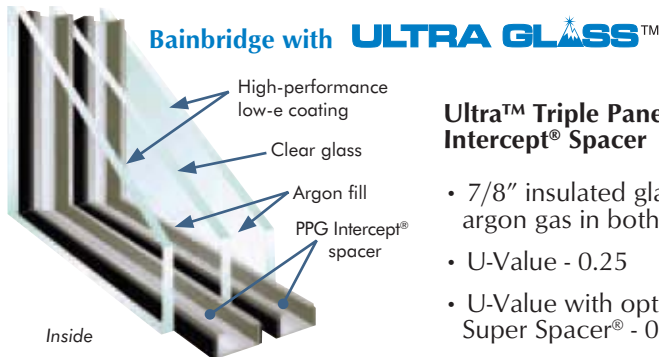
Double-Pane Glass with Intercept® Spacer

- 3/4" insulated glass with argon gas
- U-Value - 0.29
- U-Value with optional Super Spacer® - 0.28

ALL BAINBRIDGE WINDOWS QUALIFY FOR 2009-2010 FEDERAL TAX CREDIT*

All NFRC labels refer to whole window performance, not just the insulated glass unit.


 National Fenestration Rating Council®		VINYL DOUBLE HUNG BAINBRIDGE 3/4" Double Glazing, Low E Plus, Argon Fill, Intercept	
ENERGY PERFORMANCE RATINGS			
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient	0.29	0.29
ADDITIONAL PERFORMANCE RATINGS			
Visible Transmittance	Condensation Resistance	0.54	56
<small>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.</small> www.nfrc.org			



Bainbridge with ULTRA GLASS™

Ultra™ Triple Pane Glass with Intercept® Spacer

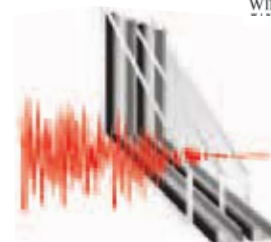
- 7/8" insulated glass with argon gas in both chambers.
- U-Value - 0.25
- U-Value with optional Super Spacer® - 0.24

 National Fenestration Rating Council®		VINYL DOUBLE HUNG BAINBRIDGE 7/8" Triple Glazing, Low E, Argon Fill, Intercept	
ENERGY PERFORMANCE RATINGS			
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient	0.25	0.27
ADDITIONAL PERFORMANCE RATINGS			
Visible Transmittance	Condensation Resistance	0.44	60
<small>Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any product and does not warrant the suitability of any product for any specific use. Consult manufacturer's literature for other product performance information.</small> www.nfrc.org			

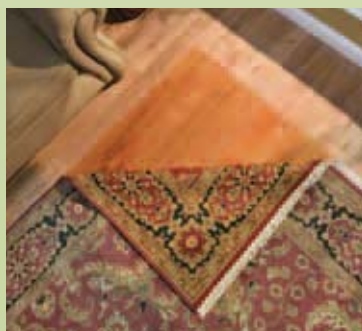
* Consult your tax advisor for more details.

ADVANTAGES OF TRIPLE PANE GLASS

The primary benefit of triple pane glass windows is their enhanced energy efficiency. Due to the extra pane of glass, insulating gases, and special low-e coatings, triple pane glass windows excel at conserving energy. In addition, they provide more security, fade protection, and are an excellent sound barrier from outside noises.



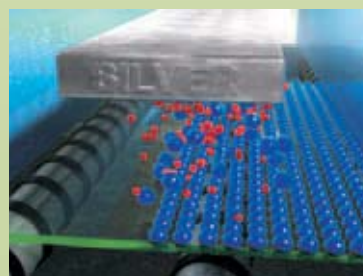
Outside noises from lawn mowers and traffic are dramatically reduced by triple pane glass.



SUPERIOR ULTRA VIOLET PROTECTION

Damaging UV Rays from the sun will fade your wood and fabric furnishings! Ultra Triple Pane Glass provides up to 87% UV fade protection.

LOW-E² GLASS MANUFACTURING PROCESS



High-tech robotic equipment hermetically seals the glass in a vacuum and then applies silver, titanium and other metal sputter deposits on annealed glass to produce low-e².



*Add beauty,
enjoyment
and value
to your home.*



A LIFETIME OF PROTECTION. All Bainbridge Plus products are manufactured by the recognized leader in product innovation with uncompromising quality control. From the day your windows and doors are installed to the day you sell your home our comprehensive non-prorated lifetime limited warranty is your assurance that your investment is protected. Additionally your warranty is completely transferable to the next home owner. Contact a Window Nation consultant for more information and a copy of the warranty.

EXPERT INSTALLATION. All Bainbridge Plus products are installed by experienced factory certified licensed professionals to guarantee the job is completed correctly the first time. Additionally only premium factory approved installation materials are used on every installation, not cheap builder's grade products.

REPUTATION BUILT ON DECADES OF EXPERIENCE. We install only the highest quality products manufactured exclusively for us by Soft-Lite; one of the premier manufacturers of quality windows and doors in the country celebrating over 75 years in the business. As an established family business we strongly support and are proud to be members in good standing with the Better Business Bureau, NARI and Angie's List. We are licensed and in good standing with every state we service and carry a multi-million insurance policy including Worker's Compensation for your peace of mind and protection.

QUALITY CERTIFIED PRODUCTS. Every Bainbridge Plus window and door product has been independently tested and approved by the NFRC, AAMA, Energy Star and the Efficient Window Collaborative.



**1.866.60.NATION
1.866.606.2846**

www.WindowNation.com

Window Nation currently services the following areas:

- Greater Baltimore
- Metro D.C.
- Northern Virginia
- Richmond, Virginia
- Northeastern Ohio
- Columbus, Ohio
- Pittsburgh, PA
- Charlotte, NC



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