



**WINDSOR**  
WINDOWS & DOORS

# REMODELING

Window and Patio Door Replacement



# Remodeling Done Right



Congratulations on reaching the decision to replace your home's windows and doors! The enhanced beauty and efficiency from window and door replacement will help you enjoy your home again...for many years to come. This one remodeling step will not only help breathe new life into your home's décor, it's also a great investment, because replacing your windows and doors is one of the best steps you can take to help increase your home's energy efficiency and overall value.

Now that you've decided to replace your windows, just leave the rest to Windsor Windows & Doors. As a market leader in replacement solutions for remodeling and renovation, Windsor offers a breadth of products to meet your needs, your lifestyle and your budget. In addition, Windsor's nearly 75 years of manufacturing top-quality windows and doors is testimony to the expertise and experience we can offer your project.



*The right windows can add architectural interest, enhance energy efficiency, increase the value of your home, and light up your interiors. But with so many options, what's the right choice for you and your home? Windsor Windows & Doors is here to help. Read on.*

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# The History of Windsor Windows & Doors

Windsor Windows & Doors began in Des Moines, Iowa, in 1946. Today, the company is a strong contender in the residential and light commercial building market. For nearly 75 years, Windsor has built a strong reputation among architects, builders, contractors and homeowners by crafting some of the finest windows and doors available, at fair prices.

Windsor is owned by Woodgrain Millwork, Inc., the largest manufacturer of mouldings and interior doors in the United States. Windsor has streamlined its manufacturing processes, invested in state-of-the-art equipment, engineered innovative new designs and expanded the product offering within Windsor's four distinct product lines:

**PINNACLE** — Wood clad and primed wood windows and patio doors

**LEGEND** — Cellular PVC windows

**NEXT DIMENSION** — Vinyl windows and patio doors

**REVIVE™** — Wood clad, hybrid and vinyl pocket replacement windows

Windsor's corporate headquarters is in West Des Moines, Iowa, with a 340,000-square-foot manufacturing plant as well as a 167,000-square-foot facility in Norwalk, Iowa. Windsor also operates a 570,000-square-foot production facility in Monroe, North Carolina.





# Environmentally Responsible

Windsor Windows & Doors and Woodgrain Millwork, Inc. practice a total commitment to the environment. We promise to act as a responsible corporate citizen, optimizing the use of resources and manufacturing products that have a positive impact on the environment as well as the health of people. We seek to realize our Green promise at Windsor and Woodgrain through the following efforts:

- Purchase of materials with recycled components; optimizing the use of resources and recycling generated scrap.
- Careful planning of product distribution from locations in Iowa and North Carolina to reduce carbon emissions from vehicle transportation.
- Enforcement of green philosophy throughout the company; from integration of environmentally friendly materials in our products to printing of marketing materials on recycled paper, and much more.
- Partnering with those who are like-minded in Green efforts.





# CHOOSE YOUR PRODUCT LINE

## REPLACEMENT OPTIONS

### Pocket Replacement Window

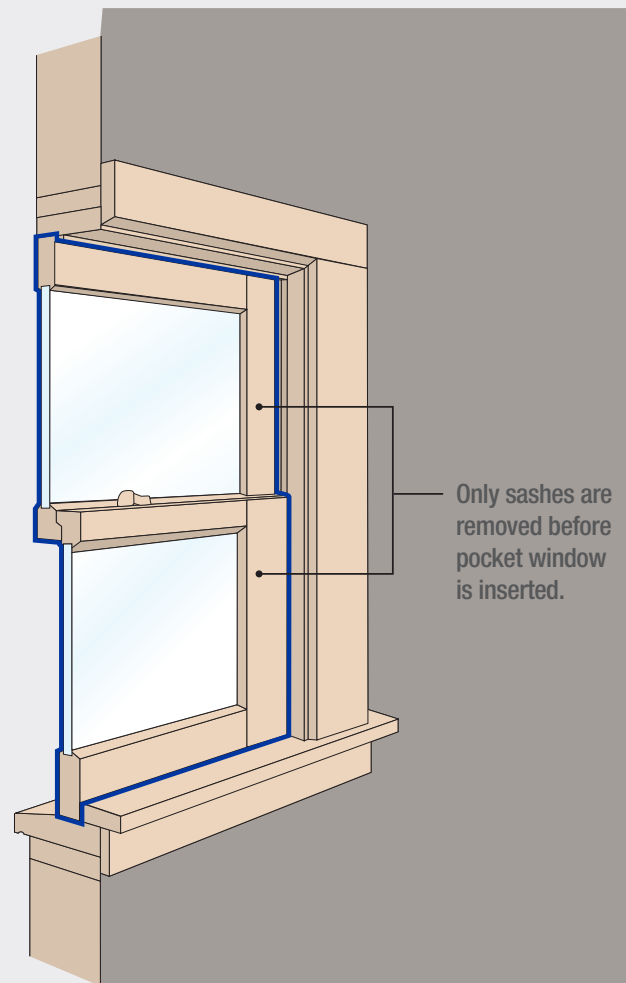
Designed for convenience, ease of operation and energy efficiency, Windsor's Pocket Replacement Windows make replacement quick and easy. This product line offers faster, less-complicated installations while preserving your home's design details assuring a precise fit.

#### HOW IT'S DONE:

Only the existing window sashes are removed. Then, the replacement window is installed into the existing window frame, resulting in a slightly smaller glass area.

#### Why choose this type of window replacement:

- Your home's interior trim, paint, plaster or wallpaper, and exterior siding, stucco or brickwork, are typically not disturbed – that means no extra costs to repair or replace them.
- Your window is built to order in the size you need for a precise fit.
- Easy installation – pocket replacement windows are quick and minimally invasive to install from the inside or the outside of your home.





## Full Frame Window

If your home is showing significant rot or deterioration to the exterior wood components of the window openings, your window replacement will most likely involve a complete frame tear out. The extent of construction for this replacement is similar to that for window installation in new home construction.

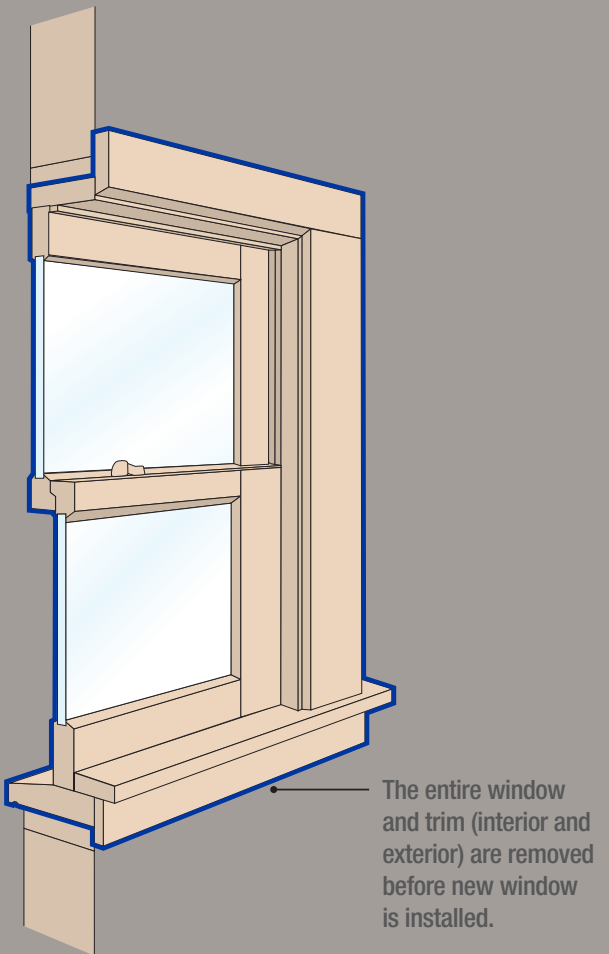
In this remodel, the entire window is removed, including exterior trim and windowsills, as well as interior window trim, leaving only the rough opening. Because of additional materials and labor required in a complete frame tear out, the cost will be more than that of a standard pocket style replacement. However, the results bring many benefits, including upgraded materials with more weather tested options, and more visible glass.

### HOW IT'S DONE:

The entire existing window is removed – including sashes, frame and trim.

### Why choose this type of window replacement:

- Your existing window frame is damaged.
- You want to change the window style or size of your window opening.



# CHOOSE YOUR MATERIALS



## WOOD CLAD

**Heavy-duty aluminum exterior  
+ The beauty of natural wood  
on the interior**

Match the craftsmanship of your home's interior trim with Windsor's wood clad option. The powder-coated extruded aluminum exterior is extremely durable – withstanding the harshest weather conditions – while the wood construction complements your home's interior.

Limited 20/10 warranty



## HYBRID

**Heavy-duty aluminum frame exterior  
+ High-density cellular PVC sashes**

Windsor's hybrid option combines the best of materials and beauty, providing solid protection against dents and chips and utmost style. You can even paint it like real wood to express your home's style.

Limited 20/10 warranty



## VINYL

If effortless care is what you're seeking in a window, vinyl is the answer. This option offers smooth operation, weather tight fit and virtually care-free maintenance.

Limited lifetime warranty

**Aluminum cladding refers to the covering on the exterior of a window and door unit.** The aluminum covers the entire exterior of the window or door, protecting the product from the outside elements and reducing the amount of maintenance required. We use only heavy-duty .050 extruded aluminum cladding, versus thin roll form aluminum. It is sturdier and more resistant to exterior damage, including dents and chips. Aluminum cladding is available in a wide variety of colors, including custom color matching, and does not need to be painted.

**On the interior of a window or door unit, you can enjoy the strength and beauty of natural wood.** Windsor offers a variety of interior wood species including Clear Select Pine, Natural Alder and Douglas Fir so you can choose the option that best complements your home's decor.

**Aluminum cladding refers to the covering on the exterior of a window and door unit.** The aluminum covers the entire exterior of the window or door, protecting the product from the outside elements and reducing the amount of maintenance required. We use only heavy-duty .050 extruded aluminum cladding, versus thin roll form aluminum. It is sturdier and more resistant to exterior damage, including dents and chips. Aluminum cladding is available in a wide variety of colors, including custom color matching, and does not need to be painted.

**Cellular PVC** is a vinyl extrusion that uses a cutting-edge process to improve the density of the material. The end result is a highly-engineered, high-endurance material with the look of painted wood and the no-rot performance of cellular PVC.

**Looking for windows that are effortless to care for?** Windsor vinyl windows offer superior energy efficiency, low maintenance and high performance, which is why they're backed by a limited lifetime warranty. Smooth operation, excellent weather resistance, exceptional strength and a guarantee against fading, peeling and chipping make our vinyl products the smart choice that you can enjoy for a lifetime.

**Vinyl** is a man-made material that is very resistant to moisture and humidity and can be manufactured in a variety of colors. Windsor offers white and clay base extrusion colors with optional exterior colors in white, ivory, tan, bronze, cinnamon, hunter green and black.

# CHOOSE YOUR STYLE



## CASEMENT

**Ventilation: 100%**

**Operation: Outward swing**

Casement windows feature one sash that is hinged on the vertical side and swings outward. They offer full top-to-bottom ventilation allowing fresh air inside. They are a popular choice above kitchen sinks, or anywhere reach might be an issue. They open and close with the turn of one easy-to-reach handle, which is located on the bottom of the window frame.



## DOUBLE HUNG

**Ventilation: 50% max**

**Operation: Slides along tracks vertically**

Double hung windows have two operating sashes: one on the top that slides down and one on the bottom that slides up. An advantage to double hung windows is their ability to adjust ventilation from being totally open (50% max) to reducing air flow to a small opening. They also have an EZ Tilt option, which allows both sashes to tilt in from the top for easy cleaning.



## DIRECT SET

**Ventilation: 0%**

**Operation: None**

Fixed/direct set units do not operate. These windows are available in a wide range of sizes and shapes, including rectangles, trapezoids, octagons, etc.



## AWNING

**Ventilation: 100%**

**Operation: Outward swing**

Awning windows swing outward, with one sash hinged at the top. These windows are often placed above or below other windows and doors for additional ventilation. They open and close with the turn of one easy-to-reach handle, which is located on the bottom of the window frame.



## SINGLE HUNG

**Ventilation: 50% max**

**Operation: Slides along tracks vertically**

Single hung windows have one operating sash on the bottom that moves up and down. The top sash does not operate.



## RADIUS

**Ventilation: 0%**

**Operation: None**

Fixed/radius units do not operate. These windows are available in a wide range of sizes and shapes, including half rounds, full rounds, round top windows, etc.

# Pocket Replacement Line

## WINDOWS Casement & Awning

Casement & awning windows offer ease of operation using a crank handle. Casement windows are hinged at the side and open to the left or right. Awning windows are hinged at the top and open from the bottom.

Because casement & awning windows open outward, they provide maximum ventilation and natural light. They work well in places where ventilation is required, such as in a bathroom or kitchen but are also perfect for a bedroom, family room or any other room in your home where unobstructed views can be optimized.



## Wood Clad

FEATURE	BENEFIT
Extruded aluminum cladding	Holds up in the toughest weather conditions
Corners screwed, silicone injected and keyed	Ensures the highest quality product every time
Narrow siterlines	Provides maximum viewing area
Many hardware finishes and grille options	Fits a range of projects, from historic to modern
Single lever lock with multiple locking points	Provides tight seals for energy efficiency



## Hybrid

FEATURE	BENEFIT
Narrow siterlines	Provides maximum viewing area
Single lever lock with multiple locking points	Creates tight seals for energy efficiency



## Vinyl

FEATURE	BENEFIT
Fusion welded frame and sash	Maximizes strength and quality
Vinyl exterior and interior	Assures low maintenance
Truth hardware comes standard	Industry leading hardware at no extra cost
Single lever lock with multiple locking points	Creates tight seals for energy efficiency

## Pocket Replacement Line

# WINDOWS

## Double Hung

Double hung windows offer classic style and operation to your home. In a double hung window, both sashes operate; one slides down and one slides up. Double hung windows offer great ventilation so they can be used in any room of your home for maximum airflow. Plus, Windsor's double hung windows feature an EZ Tilt option, allowing both sashes to tilt in from the top for easy cleaning.





## Wood Clad

FEATURE	BENEFIT
Extruded aluminum cladding	Holds up in the toughest weather conditions
Recessed locks and keepers	Keeps views unobstructed
EZ Tilt operation	Enables quick, easy cleaning and removal of sash
Block and tackle balances	Provides easy operation time after time



## Hybrid

FEATURE	BENEFIT
Extruded aluminum frame cladding	Offers maintenance-free care inside and out
EZ Tilt operation	Enables quick, easy cleaning and removal of sash
Block and tackle balances	Provides easy operation time after time



## Vinyl

FEATURE	BENEFIT
EZ Tilt operation	Enables quick, easy cleaning and removal of sash
Block and tackle balances	Provides easy operation time after time
Integral lift/pull handle	Allows easy access and operation

# Pocket Replacement Line

## WINDOWS

### Single Hung

Single hung windows have one operating sash on the bottom that moves up and down; the top lite is fixed and does not operate. Because of the stationary effect of the upper lite, a single hung offers a unique option to incorporate a decorative element into the top lite, allowing you to personalize the window to your own style.



FEATURE	BENEFIT
Fixed top lite	Provides a lower cost option compared to double hung
Side load bottom sash	Allows removal for cleaning or replacement
Block and tackle balances	Provides easy operation time after time
Lock and keeper combined with check rail interlock	Creates high-performance seal



# Sash Replacement Kits

Replace old, drafty, inefficient double hung sashes with energy-efficient, dual pane sashes. Windsor's Revive Sash Replacement Kits make it easy. Each kit allows you to keep your existing interior trim and plaster in place. In addition, you have a choice of three replacement sashes: versatile primed wood; durable aluminum clad or; long-lasting, hassle-free cellular PVC. All sash options feature EZ Tilt for fast access and effortless cleaning. No matter your choice of Revive Sash Replacement Kit, you'll instantly improve the beauty, energy efficiency and upkeep of your home's windows.

## STEP ONE: Measure Opening



**Quick and minimally  
invasive installation**

*Note: Windsor's Revive Sash Replacement Kits are designed to replace wood double hung windows. The wood side jamb pocket depth between the inside stop and the outside stop **MUST** measure at least 3-3/8" to accommodate the Revive sash replacement jambliner and clip.*

## STEP TWO: Remove Old Sash



## STEP THREE: Install New Sash



# WINDOWS

## Casement & Awning

Casement & awning windows offer ease of operation using a crank handle. Casement windows are hinged at the side and open to the left or right. Awning windows are hinged at the top and open from the bottom.

Because casement & awning windows open outward, they provide maximum ventilation and natural light. They work well in places where ventilation is required, such as in a bathroom or kitchen but are also perfect for a bedroom, family room or any other room in your home where unobstructed views can be optimized.



## Wood Clad | PINNACLE SELECT

FEATURE	BENEFIT
Extruded aluminum cladding	Holds up in the toughest weather conditions
Available in both push out and crank out styles as well as a French push out	Provides options to meet your unique lifestyle and your home's decor
Supports triple-glazed insulating glass (IG)	Delivers maximum energy efficiency
Retractable roll screen option	Roll screen is ready for use at any time but concealed when not needed



*Retractable screens have a solid wood pull at the bottom for easy operation. Spring-loaded units pull down from the top and lock into place at the sill.*



## Wood Clad | PINNACLE

FEATURE	BENEFIT
Corners are silicone injected and corner keyed	Ensures the highest quality product every time
Narrow sitemlines	Provides maximum viewing area
Many hardware, interior stop and grille options	Offers appropriate options for many projects, from historic to modern
Single lever lock with multiple locking points for tight seals	Securely seals the window against drafts



## Vinyl | NEXT DIMENSION SIGNATURE

FEATURE	BENEFIT
Low-maintenance white or clay exterior/interior	Holds up in the toughest weather conditions
Single lever lock with multiple locking points for tight seals	Securely seals the window against drafts

Full Frame Line

# WINDOWS

## Double Hung

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## Wood Clad | PINNACLE

FEATURE	BENEFIT
Extruded aluminum cladding	Holds up in the toughest weather conditions
EZ Tilt operation	Assures quick, easy cleaning and removal of sash
Recessed locks and keepers	Keeps view undisturbed
Block and tackle balances	Provides easy operation time after time



## Vinyl | NEXT DIMENSION CLASSIC

FEATURE	BENEFIT
EZ Tilt operation	Assures quick, easy cleaning and removal of sash
Both sashes operate	Affords superior air flow when open
Lock and keeper and check rail interlock	Creates high-performance seal
Block and tackle balances	Provides easy operation time after time

Full Frame Line

# WINDOWS

## Single Hung

Single hung windows have one operating sash on the bottom that moves up and down; the top lite is fixed and does not operate. Because of the stationary effect of the upper lite, a single hung offers a unique option to incorporate a decorative element into the top lite, allowing you to personalize the window to your own style.





## Vinyl | NEXT DIMENSION CLASSIC

FEATURE	BENEFIT
Fixed top lite	Offers a lower cost option to double hung unit
EZ Tilt bottom sash operation	Assures quick, easy cleaning and removal of sash
Check rail interlock	Creates a tight seal for high performance
Block and tackle balances	Provides easy operation time after time



## Vinyl | NEXT DIMENSION PRO

FEATURE	BENEFIT
Fixed top lite	Offers a lower cost option to double hung unit
Side load bottom sash removal	Assures easy cleaning and removal of sash
Lock and keeper combined with check rail interlock	Creates high-performance seal
Block and tackle balances	Provides easy operation time after time

Full Frame Line

# WINDOWS

## Direct Set and Radius

Direct set and radius windows are fixed units, allowing customization to complement your home's more traditional windows and doors. Perfect for any room in your home, this option adds natural light and a decorative touch. Choose from numerous shapes and sizes available from Windsor, including radius, transoms and special shapes. Low-profile options provide a slim, sleek contemporary look to create ambiance with one-of-a-kind designs.



## Wood Clad | PINNACLE

FEATURE	BENEFIT
Extruded aluminum cladding	Holds up in the toughest weather conditions
Geometric shapes: Triangles, rectangles, trapezoids, octagons and many others	Offers multiple choices for virtually limitless design creativity and product application
Radius shapes: Half rounds, extended half rounds, equal/unequal leg arch, circles, ovals and many others	Low profile option available in radius and direct set



## Vinyl | NEXT DIMENSION

FEATURE	BENEFIT
Vinyl exterior/interior	Provides low-maintenance care
Geometric shapes: Triangles, rectangles, trapezoids, octagons and many others	Offers multiple choices for virtually limitless design creativity and product application
Radius shapes: Half rounds, extended half rounds, equal/unequal leg arch, circles, ovals and many others	

## PATIO DOORS

### Sliding

The traditional look and operation of a sliding patio door fits into any home décor but is especially helpful in maximizing tight spaces. Because the door slides, furniture can be placed close and will not impede movement. This operation makes a sliding patio door perfect for bedrooms, kitchens, balconies and many other spaces in your home.

Sleek design and smooth operation – that’s just the beginning of Pinnacle clad sliding doors. Choose from narrow or French options, one to four panels and a gray or bronze finish sill to customize just the right look for your home. These doors glide effortlessly on two end adjustable tandem steel ball bearing rollers. And, the heavy-duty weatherstripping ensures your patio doors will be ready for the changing seasons.



### Wood Clad | PINNACLE

FEATURE	BENEFIT
Available in both traditional French panel and contemporary narrow panel	Allows you to customize the door based on your style and desired functionality
Configurations from 1 to 4 panels	
Contemporary or traditional handle set in 10 finishes	Allows you to match any interior design
Multi-slide patio doors with 2 to 8 panels configured as stacking, pocket and bi-parting: French or Narrow	Enhances view and expands indoor living space



## PATIO DOORS

### Sliding

The traditional look and operation of a sliding patio door fits into any home décor but is especially helpful in maximizing tight spaces. Because the door slides, furniture can be placed close and will not impede movement. This operation makes a sliding patio door perfect for bedrooms, kitchens, balconies and many other spaces in your home.

Not only are Next Dimension vinyl sliding patio doors designed to be easily installed, easy to use and long-lasting, they offer complete versatility of beautiful design with a range of accessories, glass options and colors. They can even be fitted with optional blinds between the glass system, and their “D” shaped handle, which comes in four colors, adds the final personal touch to your sliding patio door.



### Vinyl | NEXT DIMENSION

FEATURE	BENEFIT
Low profile full lite glass panels	Enhances your view and increases light to the room
From 1 to 3 panel configurations	Provides choice of customization options
Handle set with single point lock in 5 different finishes	Assures easy operation plus customization to fit your décor
Optional blinds between glass	Allows easy cleaning and enhances privacy; no-cord option provides extra safety for pets and children



## PATIO DOORS

### Swinging

Open the door to compliments with a swinging patio door. This patio door option works well in rooms with ample space and a beautiful view, and can be customized to your style.

If you're looking for options, look no further than Windsor's Pinnacle swinging patio doors. Whether you prefer in-swing or out-swing models, one or two operational panels, traditional or contemporary styling, you can design Windsor's Pinnacle clad swinging doors to fit your style. The design options continue with more than 50 different exterior clad colors and finishes, several hardware styles, multiple hardware finishes and numerous grille options.



### Wood Clad | PINNACLE

FEATURE	BENEFIT
Both in-swing and out-swing styles with full lite, half lite and $\frac{3}{4}$ lite options	Provides choice of customization options
Available in both traditional French panel and contemporary narrow panel	
Configuration from 1 to 4 panels	
Traditional and contemporary handle sets in 10 finishes	Matches any interior design





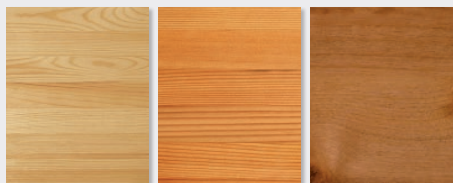
# WOOD CLAD AND HYBRID ACCESSORIES

Windsor's in-house powder paint application can help you make a statement with your windows and doors. Choose from over 50 shades in our standard and feature color palettes, or make it truly unique with custom color matching or our matte finish colors. All paints are protected with the highly durable 2604<sup>1</sup> finish, or you can upgrade to 2605<sup>2</sup> for even stronger defense against the elements.<sup>3</sup>

**INTERIOR FINISHES** Wood Clad: Available in all finishes.

Hybrid: Available in Clear Select Pine, primed white or painted white (standard on double hung).

## Interior Wood Species

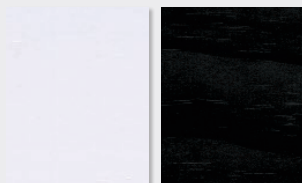


Clear Select Pine

Douglas Fir

Natural Alder

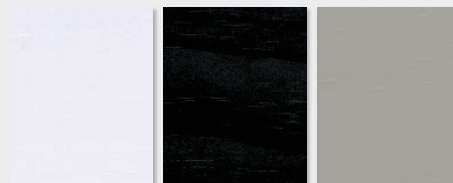
## Interior Primed Finishes



White Primed

Black Primed

## Prefinished Painted Interiors



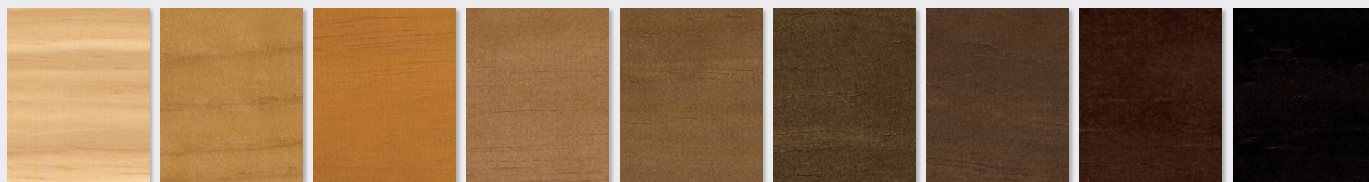
Painted White\*

Painted Black

Painted Gray

\* Denotes options available for Hybrid

**Prefinished Stained Interiors** CLEAR COAT AND STAIN SAMPLES ARE SHOWN ON CLEAR SELECT PINE AND REPRESENT OPTIONS AVAILABLE. ACTUAL FINISH MAY VARY.



Clear

Sunlight

Provincial

Tea with Milk

Antique Barrel

Perfect Brown

Intensive

Chestnut

Espresso

<sup>1</sup>AAMA 2604 finish backed by a 20-year warranty. <sup>2</sup>AAMA 2605 finish backed by a 30-year warranty.

<sup>3</sup>For applications within one mile of the coast, AAMA 2605 finish will carry a 10-year warranty and AAMA 2604 will carry no warranty. For specific warranty details, please refer to the complete warranty document posted on our website, [www.windsorwindows.com](http://www.windsorwindows.com).

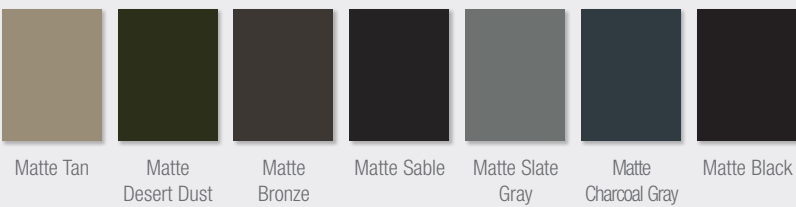
**STANDARD CLAD COLORS** Available in 2604 and 2605 finish.



**FEATURE CLAD COLORS** Available in 2604 and 2605 finish. Custom color matching is also available.



**MATTE CLAD COLORS** Available in the 2604 finish only.



**NOTE:** Printing limitations prevent exact color/finish representation. See your Windsor distributor for actual samples.

# WOOD CLAD AND HYBRID ACCESSORIES

Custom-fitted wood trim is available in Clear Select Pine.

## INTERIOR TRIM



WM 327 • 2-1/4"



WM 356 • 2-1/4"



WM 366 • 2-1/4"



WM 351 • 2-1/2"



WM 361 • 2-1/2"



WM 445 • 3-1/4"



WM 444 • 3-1/2"



RB 03 • 3-1/2"



WM 473 • 2-1/4"



WM 433 • 3-1/4"



WM 412 • 3-1/2"

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## STOOL AND APRON

Only available in double  
or single hung windows



WM 1021 • 5-1/4"



B 200 • 11/16" x 2-1/2"

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## INTERIOR STOPS



830 8U • 1/2" x 1/2"



WM 941 • 7/16" x 3/4"



WM 876 • 7/16" x 1-3/8"



WM 254 • 1/2" x 3/4"



WM 937 • 7/16" x 1-1/4"



WM 267 • 1/4" x 1-5/6"



WM 887 • 7/16" x 1-1/4"

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## BASE SHOE AND COVE



WM 100 • 11/16" x 11/16"



WM 129 • 7/16" x 11/16"



WM 106 • 11/16" x 11/16"

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## ROSETTES



Rosette • 2-3/4"



Rosette • 3-3/4"

# WOOD CLAD AND HYBRID ACCESSORIES

**GRILLES** All of our wood and cellular PVC (CPVC) Windsor Divided Lite bars are hand-fitted to ensure a perfect fit.



7/8" & 1-1/4"  
Perimeter Grille



7/8" & 1-1/4"  
Stick Grille



3/4" & 1"  
Profiled Inner Grille



13/16" Flat Inner Grille  
*(Not available on Select)*



7/8" & 1-1/4"  
Exterior Clad Ogee  
Windsor Divided Lite



7/8" & 1-1/4"  
Exterior CPVC Ogee  
Windsor Divided Lite  
*(Primed only)*



5/8", 7/8", 1-1/4" & 2"  
Tall Putty  
Windsor Divided Lite



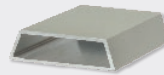
5/8", 7/8", 1-1/4" & 2"  
Short Putty  
Windsor Divided Lite



5/8", 7/8", 1-1/4" & 2"  
Short Tall and Short  
Contemporary Windsor  
Divided Lite



5/8", 7/8", 1-1/4" & 2"  
Tall Interior Contemporary  
Windsor Divided Lite



2" Tall Putty  
Simulated Check Rail



2" Exterior Low Profile  
Simulated Check Rail



3-3/8"  
Simulated Mid Rail

## EXTERIOR TRIM

### Clad Exterior Casing Options



WM 180  
Brickmould



WM 180 Solid  
Back Brickmould



Williamsburg



3-1/2"  
Flat



3/8"  
Subsill



1-1/4"  
Subsill



2-1/4"  
Subsill



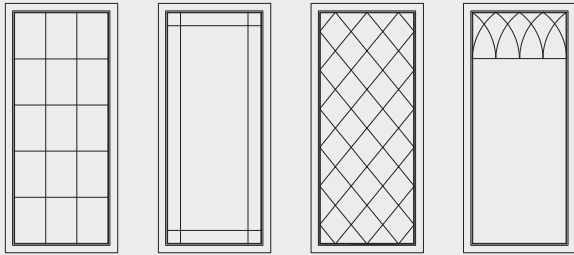
Traditional Flush Fin  
*(Casement/awning with  
3-1/4" frame only)*



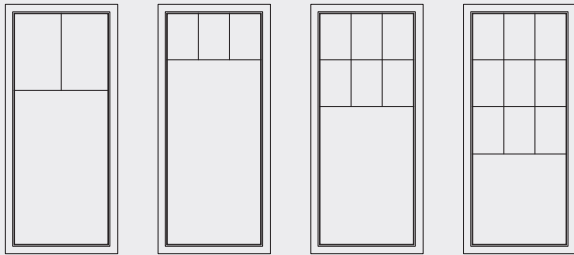
Contemporary Flush Fin  
*(Casement/awning with  
3-1/4" frame only)*

**GRILLE PATTERNS** Some grille patterns are not available in all configurations and products.

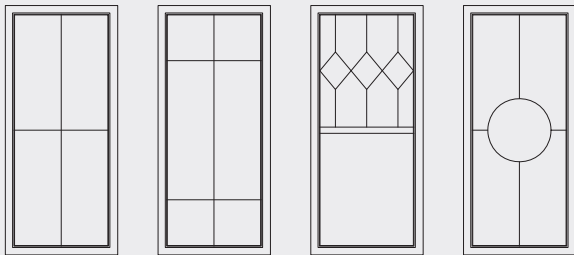
**Patio Door Grille Patterns**



Colonial      Prairie      Diamond      Gothic

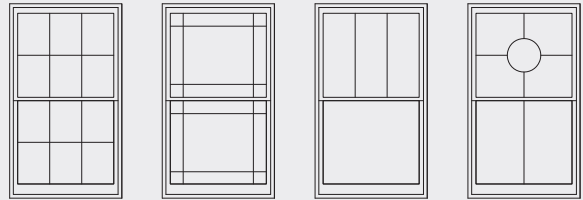


Custom Plaza      Single Plaza      Double Plaza      Triple Plaza



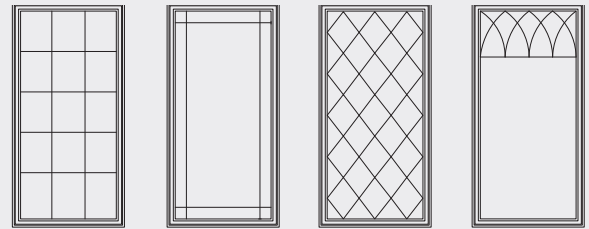
Specified Equal Lite (2x2 shown)      Custom Pattern (Example)      Custom Pattern (Example)      Custom Pattern (Example)

**Single and Double Hung Grille Patterns**

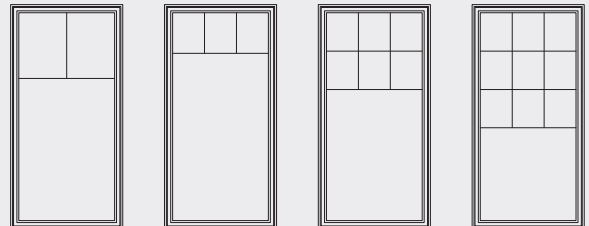


Colonial      Prairie      Plaza      Custom Pattern (Example)

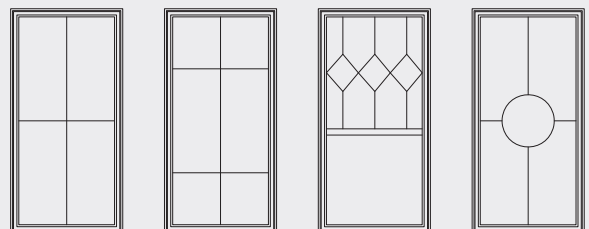
**Casement and Awning Grille Patterns**



Colonial      Prairie      Diamond      Gothic



Custom Plaza      Single Plaza      Double Plaza      Triple Plaza

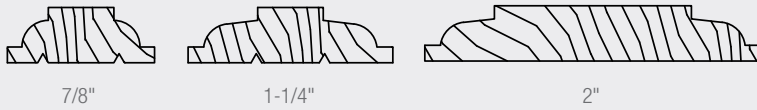


Specified Equal Lite (2x2 shown)      Custom Pattern (Example)      Custom Pattern (Example)      Custom Pattern (Example)

# WOOD CLAD AND HYBRID ACCESSORIES

## GRILLE PROFILES

### Interior Grilles – Ogee



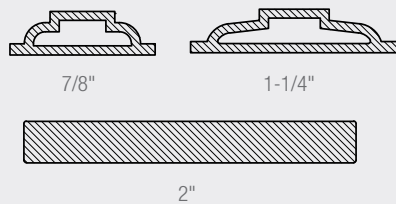
### Interior Grilles – Putty



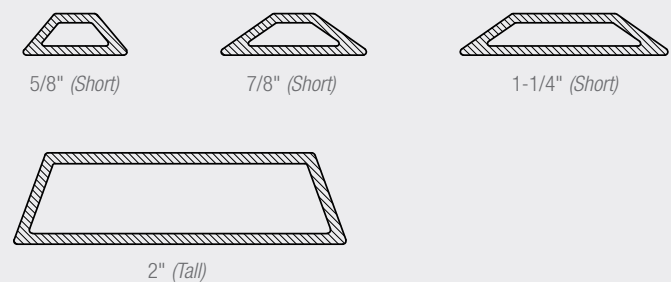
### Interior Grilles – Contemporary



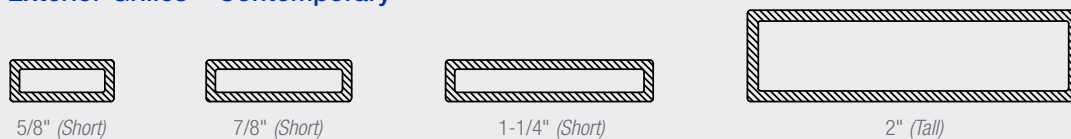
### Exterior Grilles – Ogee



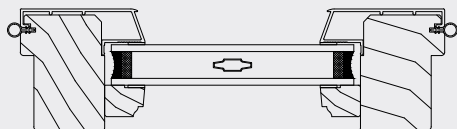
### Exterior Grilles – Putty



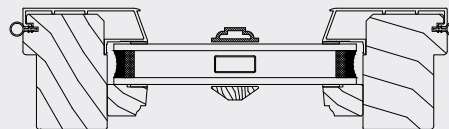
### Exterior Grilles – Contemporary



## GRILLE SECTIONS



Standard Select IG with Inner Grille



Standard Select IG with WDL and Inner Bar



## PATIO DOOR HANDLES, HINGES AND WINDOW HARDWARE

Finishes marked with asterisks\* feature a clear coating that protects the finish against tarnish and peeling. This process extends the rich, bright life of the finish and dramatically delays the aging process. (Photos show Satin Nickel finish.) Bi-fold doors are available with the contemporary swinging handle in Satin Nickel, Brass and Oil Rubbed Bronze.



### PATIO DOOR HANDLE STYLES

Available in all 10 door handle finishes, unless noted.

- [1] Classic Swinging Door Handle
- [2] Contemporary Swinging Door Handle
- [3] Euro Swinging Door Handle  
*Only available in Satin Nickel and Black door handle finishes.*
- [4] Contemporary Sliding Door Handle
- [5] Euro Sliding Door Handle  
*Not available in antique nickel.*

### [6] Flush Mount Sliding Door Handle

*Only available in Satin Nickel, Faux Bronze, Oil Rubbed Bronze and Black door handle finishes.*

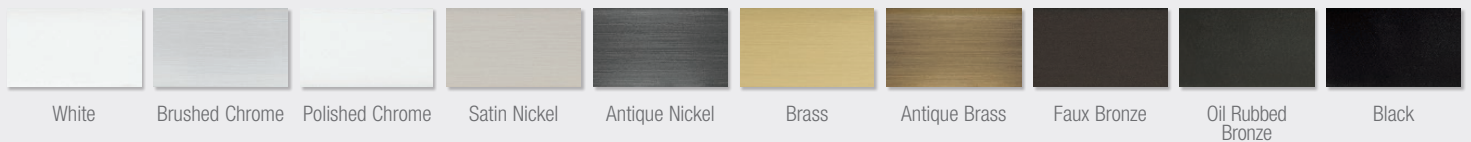
### SWINGING PATIO DOOR HINGES

- Available in all 10 door handle finishes.
- [7] Adjustable Guide Hinge
- [8] Adjustable Set Hinge
- [9] Ball Bearing Hinge

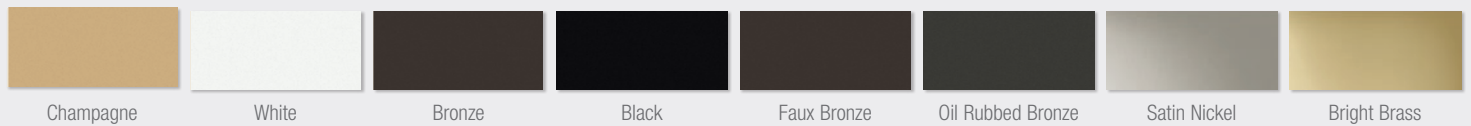
### WINDOW HARDWARE STYLES

- [10] Double Hung Lock  
*Available in all eight window hardware finishes.*
- [11] Push-out Lever (Select only)  
*Available in white, black, faux bronze, oil rubbed bronze and satin nickel window hardware finishes.*
- [12] Traditional Casement/Awning Crank  
*Available with matching lock in all eight window hardware finishes.*
- [13] Contemporary Casement/Awning Crank  
*Available with matching lock in all eight window hardware finishes.*

## PATIO DOOR HANDLE AND HINGE FINISHES

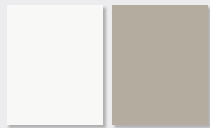


## WINDOW HARDWARE FINISHES



# VINYL ACCESSORIES

## STANDARD VINYL COLORS

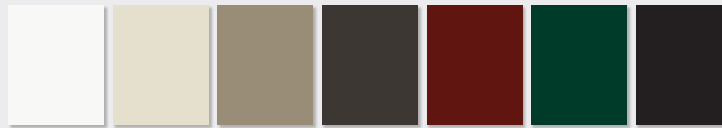


White

Clay

## VINYL EXTERIOR COLORS

White vinyl interior is available with white, ivory, tan, bronze, cinnamon, hunter green or black exterior. Clay vinyl interior is available with bronze or black exterior.



White

Ivory

Tan

Bronze

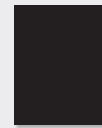
Cinnamon

Hunter Green

Black\*

*\*White Signature products with black exterior will be laminated and not painted*

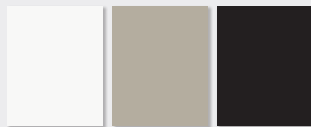
## PAINTED VINYL INTERIOR COLORS



Black\*\*

*\*\*Only available with painted or laminated black exteriors*

## WINDOW HARDWARE Hardware is available in white, clay or black.



White

Clay

Black

### Classic Single Hung and Slider Lock



### Signature Casement and Awning Crank/Cover and Lock



Lock



Traditional Crank/Cover



Contemporary Crank/Cover

### Classic Double Hung Lock



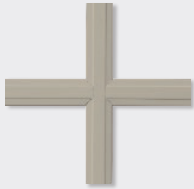
### Pro Single Hung and Slider Lock



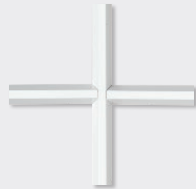
*(Black available on Slider only.)*

**GRILLES** All cellular PVC Windsor Divided Lite (WDL)<sup>1</sup> bars are hand-fitted to ensure a perfect fit.

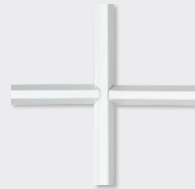
\*Not available in Pro.



3/4" Profiled Inner Grille



5/8" & 7/8" Putty Windsor Divided Lite (Exterior only) with Flat Inner Grille\*



5/8" & 7/8" Putty Windsor Divided Lite\*



2" Simulated Check Rail

## DIRECT SET AND RADIUS OPTIONS

### Radius Special Shapes



Round



Half Round



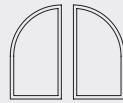
Quarter Round



Seg-top Quarter



Seg-top



Extended Quarter Round



Round Top



Ellipse



Eyebrow

### Direct Set Special Shapes



Rectangle



Flat-top Trapezoid



Trapezoid



Right Triangle



Triangle



Parallelogram



Octagon



Hexagon



Pentoid

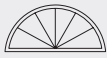


Flat-top Pentoid

**Radius Inner Grille Patterns** Note: Before selecting a special grille pattern, confirm alignment with units below.



Pattern 1  
3-spoke  
Standard



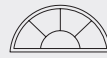
Pattern 2  
5-spoke  
Standard



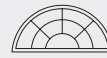
Pattern 3  
Single Radius  
Starburst  
42" HR & up



Pattern 4  
Double Radius  
Starburst  
60" HR & up



Pattern 5  
Single Radius  
Sunburst  
42" HR & up



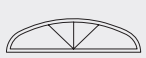
Pattern 6  
Double Radius  
Sunburst  
60" HR & up



1-spoke  
Quarter Round



2-spoke  
Quarter Round

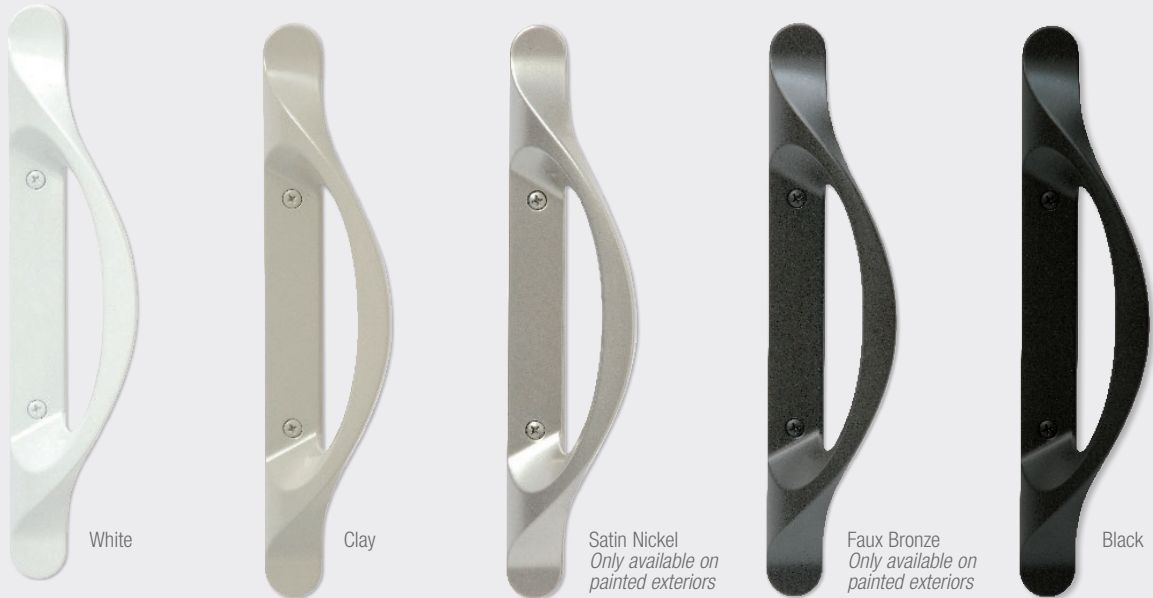


3-spoke  
Ellipse

**NOTE:** Printing limitations prevent exact color/finish representation. See your Windsor distributor for actual samples.

# VINYL ACCESSORIES

**Sliding Patio Door Handle and Finishes** Finishes are the same for both interior and exterior handles.



**Sliding Patio Door Blinds Between the Glass** All vinyl sliding patio doors are handled from the exterior. The images shown below are viewed from the interior looking out to show proper location of blind/tilt and raise/lower mechanism.





# VINYL ACCESSORIES

Custom-fitted wood trim is available in Clear Select Pine.

## INTERIOR TRIM



WM 327 • 2-1/4"



WM 356 • 2-1/4"



WM 366 • 2-1/4"



WM 351 • 2-1/2"



WM 361 • 2-1/2"



WM 445 • 3-1/4"



WM 444 • 3-1/2"



RB 03 • 3-1/2"



WM 473 • 2-1/4"



WM 433 • 3-1/4"



WM 412 • 3-1/2"

---

## STOOL AND APRON

Only available in double or single hung windows



WM 1021 • 5-1/4"



B 200 • 11/16" x 2-1/2"

---

## INTERIOR STOPS



830 8U • 1/2" x 1/2"



WM 941 • 7/16" x 3/4"



WM 876 • 7/16" x 1-3/8"



WM 254 • 1/2" x 3/4"



WM 937 • 7/16" x 1-1/4"



WM 267 • 1/4" x 1-5/6"



WM 887 • 7/16" x 1-1/4"

---

## ROSETTES



Rosette • 2-3/4"



Rosette • 3-3/4"

---

## BASE SHOE AND COVE



WM 100 • 11/16" x 11/16"



WM 129 • 7/16" x 11/16"

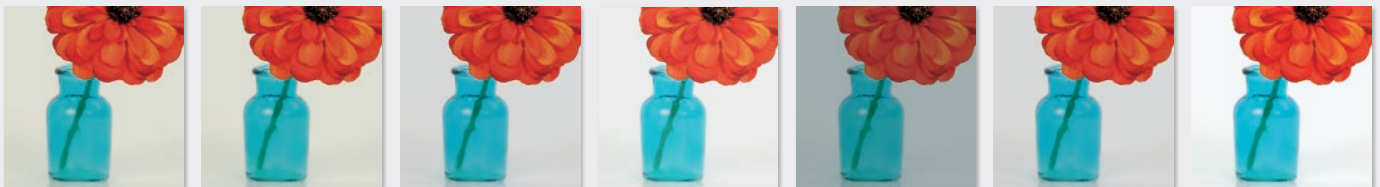


WM 106 • 11/16" x 11/16"

# GLASS AND GRILLE ACCESSORIES

**GLASS** \*Special order item.

Units with 1-1/4" OA triple IG are only available in LoE 366/180, obscure, satin etch, glue chip, rain and reed glass.



LoE 366 (Standard)

Dual Low-E

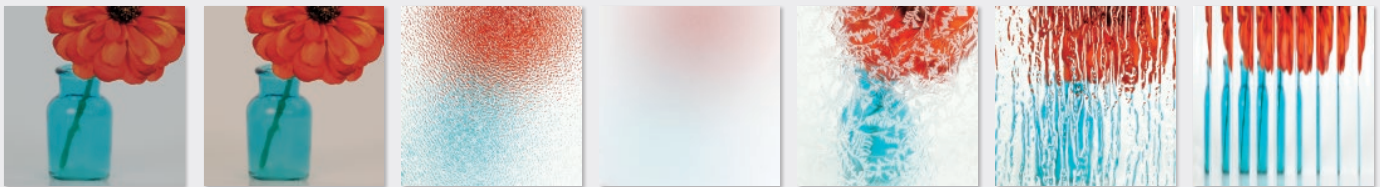
Dual Low-E HS

LoE 180

LoE 240

LoE 272

Clear



Gray Tint

Bronze Tint

Obscure

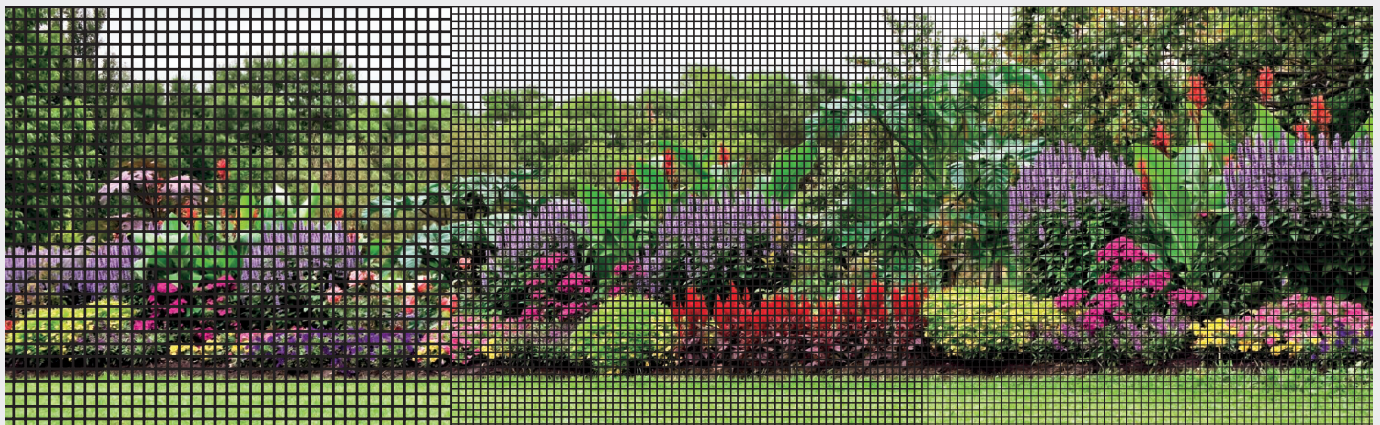
Satin Etch

Glue Chip\*

Rain\*

Reed\*

## SCREENS



Conventional Screen Mesh

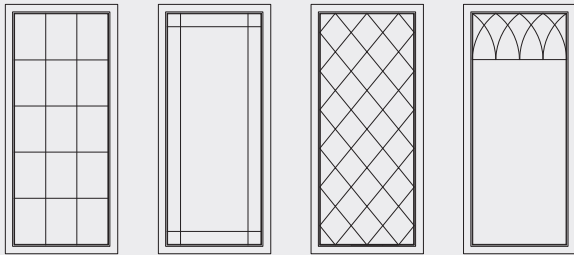
BetterVue® (Standard)

UltraVue®

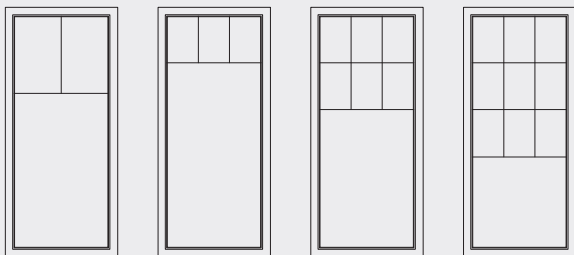


**GRILLE PATTERNS** Some grille patterns are not available in all configurations and products.

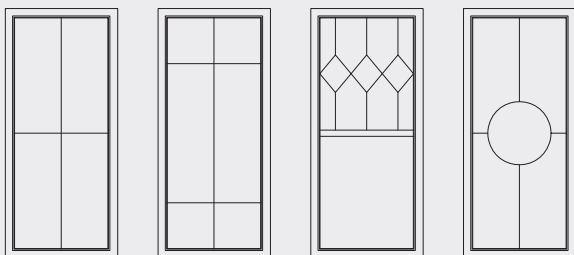
**Patio Door Grille Patterns**



Colonial      Prairie      Diamond      Gothic

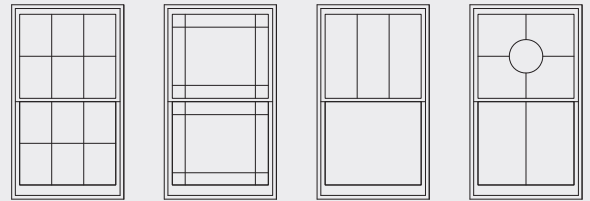


Custom Plaza      Single Plaza      Double Plaza      Triple Plaza



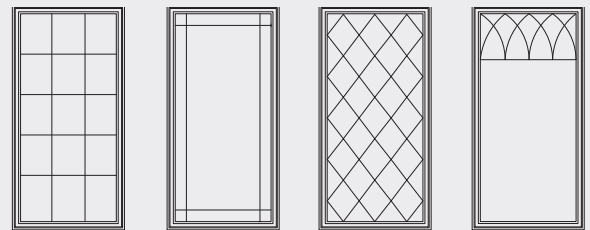
Specified Equal Lite (2x2 shown)      Custom Pattern (Example)      Custom Pattern (Example)      Custom Pattern (Example)

**Single and Double Hung Grille Patterns**

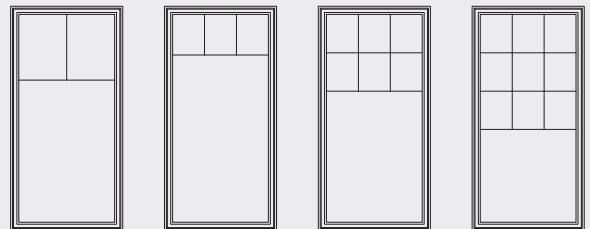


Colonial      Prairie      Plaza      Custom Pattern (Example)

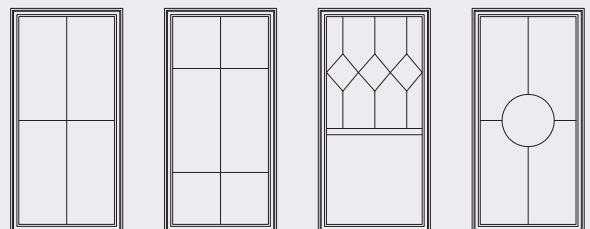
**Casement and Awning Grille Patterns**



Colonial      Prairie      Diamond      Gothic



Custom Plaza      Single Plaza      Double Plaza      Triple Plaza



Specified Equal Lite (2x2 shown)      Custom Pattern (Example)      Custom Pattern (Example)      Custom Pattern (Example)





# Make every project a success.

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