

WINDOW WORLD
ARCHITECTURAL COLLECTION



Patio Doors
FEATURING  **WINDSOR**
WINDOWS & DOORS

Window
World





YOUR VISION

OUR PASSION

Windsor Windows & Doors can help bring your vision to life. Our windows and doors open up a home to the light, air and beauty of the outside world. But it's the inspired designs and lasting performance of Windsor products that open up a world of possibilities for architects and homeowners.

Windsor has been developing unique home construction solutions for more than 70 years. We're dedicated to bringing you the highest quality products on the market, all for the best value.

Choose from a wide selection of products for new construction, remodeling or light commercial applications. Windsor's windows and doors allow you to get creative with your next project, without sacrificing quality or stretching your budget.

PINNACLE IN-SWING

Experience the beauty and performance of wood, available in clad or primed exterior.



- Clad doors available in heavy-duty extruded aluminum cladding; primed doors come standard with cellular PVC exterior trim for a traditional, decorative appearance
- Clad doors available in Clear Select Pine, Douglas Fir, Natural Alder, primed white or black, painted white, black or gray, and 9 stained color options; primed doors available in Clear Select Pine, prime or painted white as interior finishes
- All clad colors painted in-house with the highly durable AAMA 2604 standard finish, or upgrade to AAMA 2605 for the most challenging of environments – choose from 24 standard and 27 feature colors; custom colors available
- “Easy Adjust” hinge system for effortless operation and correction after installation
- Active stiles constructed of an LVL core material for added strength and stability
- Dual-seal frame weatherstripping at panel face and edge improves air and thermal performance
- Wept sill system to eliminate water infiltration
- Heavy-duty, self-adjusting sweep
- Single or bi-hinge panel operation
- Panels available in traditional French or contemporary narrow stile
- Integral structural astragal allows for doors up to 12 feet wide to be placed in a single frame, which decreases the potential for air and water infiltration
- Oak interior sill; exterior sill available in mill or bronze anodized finishes
- Rigid aluminum nail fin
- Stainless steel multi-point locking hardware option for added security
- Full lite available, 1/2 and 3/4 lite available with flat or split panel option
- Five standard heights: 6’8”, 6’10”, 8’0”, 9’0” and 10’0” (9’0” and 10’0” doors available in French panels only)
- Custom sizes available

Note: Primed in-swing patio doors come standard with cellular PVC exterior trim.

PINNACLE OUT-SWING

When space is at a premium, an out-swing is the perfect solution.



- Clad doors available in heavy-duty extruded aluminum cladding
- Clad doors available in Clear Select Pine, Douglas Fir, Natural Alder, primed white or black, painted white, black or gray, and 9 stained color options; primed doors available in Clear Select Pine, prime or painted white as interior finishes
- All clad colors painted in-house with the highly durable AAMA 2604 standard finish, or upgrade to AAMA 2605 for the most challenging of environments – choose from 24 standard and 27 feature colors; custom colors available
- “Easy Adjust” hinge system for effortless operation and correction after installation
- Active stiles constructed of an LVL core material for added strength and stability
- Integral structural astragal allows for doors up to 12 feet wide to be placed in a single frame, which decreases the potential for air and water infiltration
- Wept sill system to eliminate water infiltration
- Heavy-duty, self-adjusting sweep
- Single or bi-hinge panel operation
- Panels available in traditional French or contemporary narrow stile
- Oak interior sill; exterior sill available in mill or bronze anodized finishes
- Rigid aluminum nail fin
- Stainless steel multi-point locking hardware option for added security
- Full lite available, 1/2 and 3/4 lite available with flat or split panel option
- Five standard heights: 6’8”, 6’10”, 8’0”, 9’0” and 10’0” (9’0” and 10’0” doors available in French panels only)
- Custom sizes available

PINNACLE SLIDING DOORS

A space-saving option with traditional looks and modern performance.



- Clad doors available in heavy-duty extruded aluminum cladding; primed doors come standard with cellular PVC exterior trim for a traditional, decorative appearance
- Clad doors available in Clear Select Pine, Douglas Fir, Natural Alder, primed white or black, painted white, black or gray, and 9 stained color options; primed doors available in Clear Select Pine, prime or painted white as interior finishes
- All clad colors painted in-house with the highly durable AAMA 2604 standard finish, or upgrade to AAMA 2605 for the most challenging of environments – choose from 24 standard and 27 feature colors; custom colors available
- Panels available in traditional French or contemporary narrow stile; French stile allows for the “look” of a swinging door where space won’t allow for one
- Quad option including four panels in one frame; center panels operate
- Doors slide on two tandem, heavy-duty, end-adjustable, ball bearing rollers for years of smooth, trouble-free operation
- All stiles constructed of an LVL core for a stronger, straighter, more durable door
- Wood parting stops and absence of screws provide a warm, clean look
- Aluminum jamb covers at the head and strike jambs hide exposed screws and provide a smoother, more attractive surface
- Heavy-duty interlock improves air and structural performance
- One-piece, fiberglass pultruded sill minimizes cold conduction; available in gray or bronze
- Heavy-duty extruded screen ensures durability and smooth operation
- Standard two-point lock for added security
- Integral nail fin on clad doors
- Five standard heights: 6’8”, 6’10”, 8’0”, 9’0” and 10’0” (9’0” and 10’0” doors available in clad French slider only)
- Custom sizes available

PINNACLE BI-FOLD DOORS

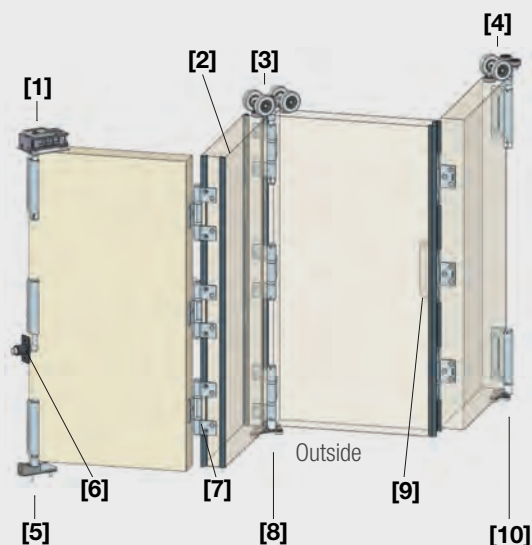
Let the beauty of nature into your home.



- Multi-point locking system on passage panels features three-point jamb-engaged tongue system for uncompromised security
- Centor Architectural E3 bi-fold hardware system provides stability and smooth operation
- Lever handle activated head and sill twin bolt system for added security
- Dual weatherstrips at panel edge improve air and thermal performance
- Stiles constructed of an LVL core material for added strength and stability
- Panels available in traditional French or contemporary narrow stile
- Five standard heights: 6'8", 6'10", 8'0", 9'0" and 10'0" (9'0" and 10'0" doors available in French panels only)
- Custom sizes available
- Two weatherstrip barriers between each panel and between panels and frame; urethane foam encased in polyethylene film around entire frame; pile weatherstripping along head and sill provide added protection
- Interior – Clear Select Pine, Douglas Fir or Natural Alder, primed white or black, painted white, black or gray, and 9 stained color options
- Exterior – Heavy-duty extruded aluminum cladding
- All clad colors painted in-house with the highly durable AAMA 2604 standard finish, or upgrade to AAMA 2605 for the most challenging of environments – choose from 24 standard and 27 feature colors; custom colors available

BI-FOLD PATIO DOOR TERMINOLOGY

- | | |
|----------------------------|----------------------------------|
| [1] Top pivot | [6] Wall pivot |
| [2] Weatherseal | [7] Hinge |
| [3] Intermediate carrier | [8] Concealed intermediate guide |
| [4] End carrier | [9] Hinge with handle |
| [5] Concealed bottom pivot | [10] Concealed end guide |



PINNACLE MULTI-SLIDE

Highlight exceptional outdoor views while expanding interior living spaces.



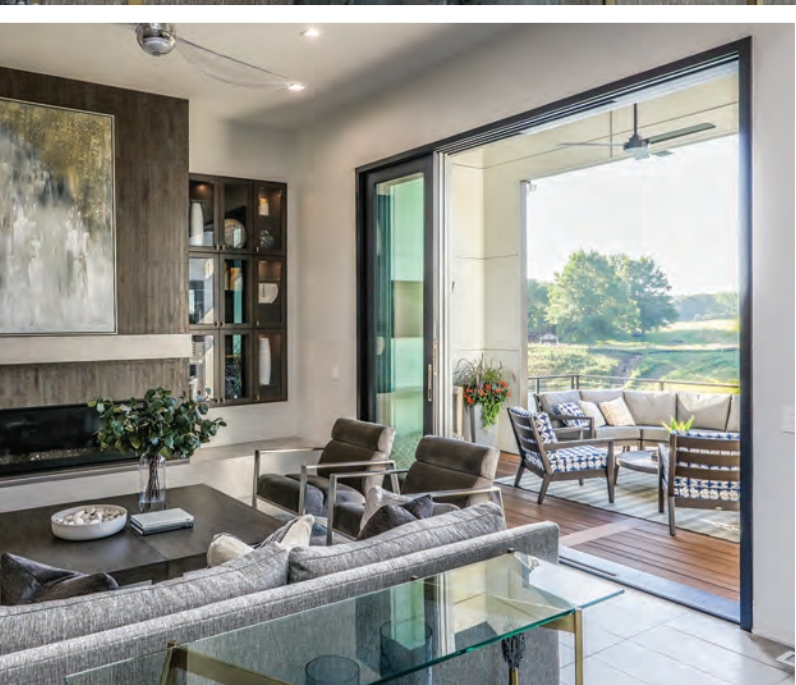
- Stacking and pocket configurations
 - Stacking multi-slide door systems stack all panels in line with the stationary panel when the panels are in the fully-open position; in the stacking configuration, all panels are still visible
 - Pocketed multi-slide door systems incorporate a pocket in the wall cavity to conceal all panels when they are in the fully-open position; in the pocketed configuration, all panels are hidden in the pocket
- Door jamb widths vary depending on the number of panels in the multi-slide system
- One panel (pocket only) to eight panel configurations with maximum 32'0" frame width
- All applications using multi-slide door systems require overhangs equal to or greater than the height of the multi-slide door
- Main frame head jamb and sill use dark bronze anodized aluminum extrusions with powder paint color-matched frame nosing and pocket covers
- Folding aluminum nailing fins applied
- Pinnacle 1-3/4" thick sliding patio door panels
- Heavy-duty interlock improves air and structural performance
- Panels slide on two tandem, heavy-duty, end-adjustable ball bearing rollers for years of smooth, trouble-free operation
- Standard heights
 - French panels: 6'8", 6'10", 8'0", 9'0", 10'0"
 - Narrow panels: 6'8", 6'10", 8'0"
- Panel width callouts: 2'6", 3'0", 4'0" (Custom Sizes Available)
- Maximum frame width: 32'0"
- Interior – Clear Select Pine, Douglas Fir or Natural Alder, primed white or black, painted white, black or gray, and 9 stained color options
- All clad colors painted in-house with the highly durable AAMA 2604 standard finish, or upgrade to AAMA 2605 for the most challenging of environments – choose from 24 standard and 27 feature colors; custom colors available
- Pinnacle sliding patio door end-adjustable roller system
- Pinnacle sliding patio door two-point locking gear and keeper
- Flush mount handles standard on pocket and stacking door systems; available in oil rubbed bronze, faux bronze, black and satin nickel (figure 1)
- Flush mount handles standard with a keyed lock
- All panels standard with satin nickel finger pull located at the edge of the lead operating panel (figure 2)



Fig. 1



Fig. 2



PINNACLE SELECT MULTI-SLIDE

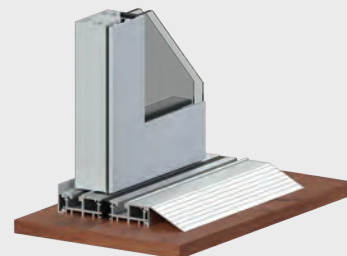
For inspiring views from floor to ceiling / treetop to ground level.



Multi-slide and Lift & Slide Alum Ext. Alum Int. Panel



Multi-slide and Lift & Slide Alum Ext. Wood Int. Panel



Multi-slide and Lift & Slide 1-1/8" standard sill

STACKING AND POCKET CONFIGURATIONS

- Choice of thermally broken, heavy-duty all aluminum exterior and interior, or thermally broken, heavy-duty aluminum exterior and wood interior
- Stacking multi-slide system aligns all panels with the stationary panel when in the fully open position; all panels are visible
- Pocket multi-slide system incorporates a pocket into the wall cavity to conceal all panels when they are in the fully open position
- Door jamb widths vary depending on the number of panels in the multi-point door system and the handing
- Up to five panels in any one direction, and 10 panels for a bi-parting multi-slide door
- 2-3/8" thick panel construction
- Narrow 3-3/16" wide panels to reveal more glass for beautiful views
- Standard panel heights: 8-0, 9-0, 10-0, 11-0 and 12-0
- Standard panel widths: 3-0, 4-0, 5-0 and 6-0
- Maximum panel sizes: 5-0 x 12-0 and 6-0 x 10-0
- Custom sizes available
- Standard 1-1/8" surface mount sill with 2-1/2" recessed sill with or without drainage
- Two-point locking gear with two-way adjustable keeper
- End adjust Delrin® rollers
- Flush mount handle available in black, bronze, white and satin chrome
- Lead panel on pocket doors comes with a finger pull
- 90-degree corner doors available

PINNACLE SELECT LIFT & SLIDE

A seamless tradition to the beauty of the outdoors.

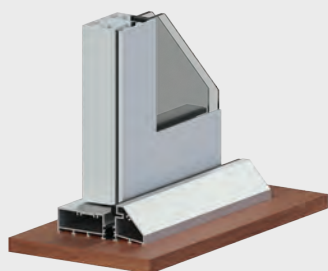


STACKING AND POCKET CONFIGURATIONS

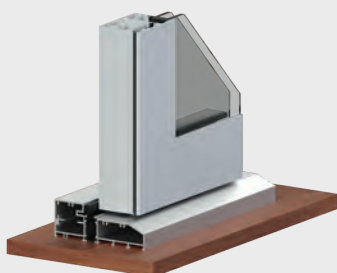
- Choice of thermally broken, heavy-duty all aluminum exterior and interior, or thermally broken, heavy-duty aluminum exterior and wood interior
- Stacking lift & slide system aligns all panels with the stationary panel when in the fully open position; all panels are visible
- Pocket lift & slide system incorporates a pocket into the wall cavity to conceal all panels when they are in the fully open position
- Door jamb widths vary depending on the number of panels in the lift & slide door system and the handing
- Up to five panels in any one direction, and 10 panels for a bi-parting lift & slide door
- 2-3/8" thick panel construction
- Narrow 3-3/16" wide panels to reveal more glass for beautiful views
- Standard panel heights: 8-0, 9-0, 10-0, 11-0 and 12-0
- Standard panel widths: 3-0, 4-0, 5-0 and 6-0
- Maximum panel sizes: 5-0 x 12-0 and 6-0 x 10-0
- Custom sizes available
- Standard 1-1/8" surface mount sill with 2-1/2" recessed sill with or without drainage
- Lead panel on pocket doors comes with a finger pull
- Multi-point locking system
- Two 2-wheel cartridges engineered to provide maximum support
- Nylon rollers combined with stainless steel ball bearings provide effortless operation
- Designed to support up to 880 lb panels
- 90-degree corner doors available

PINNACLE SELECT IN-SWING AND OUT-SWING

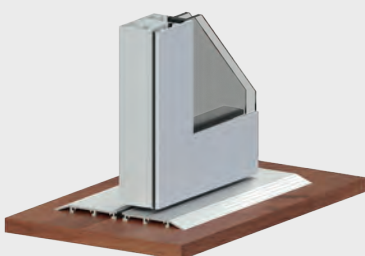
Today's homes come to life when the patio serves as a warm, open extension of the living space.



In-swing 1-1/4" standard sill



Out-swing 1-1/4" standard sill



ADA sill



CONFIGURATIONS

- Choice of thermally broken, heavy-duty all aluminum exterior and interior, or thermally broken, heavy-duty aluminum exterior and wood interior
- Single-panel and two-panel options available
- 2-3/8" thick panel construction
- Narrow 3-3/16" wide panels reveal more glass for beautiful views
- Standard panel heights: 8-0, 9-0, 10-0, 11-0 and 12-0
- Standard panel widths: 2-6, 2-8, 3-0, 3-6
- Maximum panel size: 3-6 x 12-0
- Frame widths up to 3-6 x 12-0 single-panel door and 7-0 x 12-0 two-panel door
- Custom sizes available
- Standard 1-1/4" surface mount
- Three-point multi-point locking system on 8-0 through 10-0 tall doors; four-point multi-point locking system on doors over 10-0
- Three handle styles: Aria, Acacia and Summit in black, bronze, white and satin chrome
- Hinges available in bronze and satin chrome



In-swing/Out-swing
Alum Ext. Alum Int. Panel



In-swing/Out-swing
Alum Ext. Wood Int. Panel

PINNACLE SELECT BI-FOLD

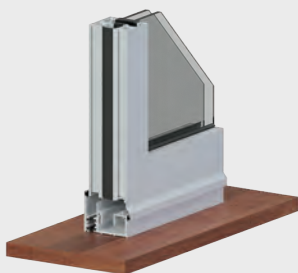
Combining beautiful style and effortless function.



Bi-fold Alum Ext. Alum Int. Panel



Bi-fold Alum Ext. Wood Int. Panel



Bi-fold 1-1/8" standard sill



DISTINCTIVE OPTIONS

- Choice of thermally broken, heavy-duty all aluminum exterior and interior, or thermally broken, heavy-duty aluminum exterior and wood interior
- 2-5/8" thick panel construction on wood interior doors 2-3/8" thick panel construction on aluminum interior doors
- Narrow 2-1/16" wide panels to reveal more glass for beautiful views
- Multiple handing options for maximum 8 panels and 21 ft frame width; bi-parting can be 8L-8R with a maximum frame width of 42 ft
- Standard panel heights 8-0, 9-0, 10-0, 11-0 and 12-0
- Standard panel widths 2-6, 3-0, 3-6
- Maximum panel size 3-6 x 12-0
- Custom sizes available
- Standard 2-3/16" surface mount, 3/4" recessed without drainage and 1-1/2" recessed with drainage sill options
- Three-point multi-point locking system on 8-0 through 10-0 tall doors; four-point multi-point locking system on doors over 10-0
- Handle activated concealed twin bolt system
- Bi-fold hardware finishes
 - All aluminum door:
 - Hinges, D-handle, twin bolt handle, top roller assembly and bottom hinge guide will match the color of the door
 - Aluminum door with wood interior:
 - Hinges: Interior hinges available in bronze or black; exterior hinges will match exterior door color
 - Interior D-handle: Available in bronze or black
 - Interior twin bolt handle: Available in bronze or black
 - Top roller assembly: Interior available in bronze or black; exterior top roller assembly will match exterior door color
 - Bottom hinge guide: Interior available in bronze or black; exterior will match exterior door color
- Three handle styles available in black, bronze, white and satin chrome

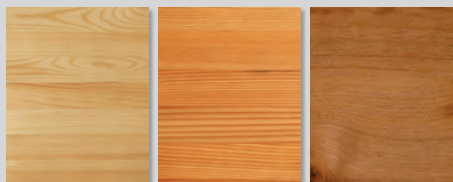
OPTIONS & ACCESSORIES

INTERIOR WOOD FINISHES

Pinnacle bi-fold and multi-slide patio doors are available in Clear Select Pine, Douglas Fir and Natural Alder.

PINNACLE

Interior Wood Species

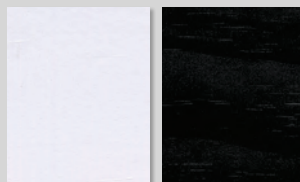


Clear Select Pine

Douglas Fir

Natural Alder

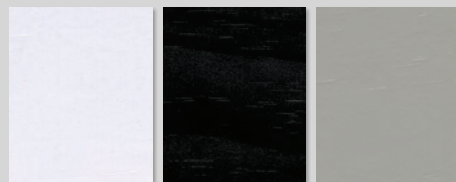
Interior Primed Finishes



White Primed

Black Primed

Prefinished Painted Interiors

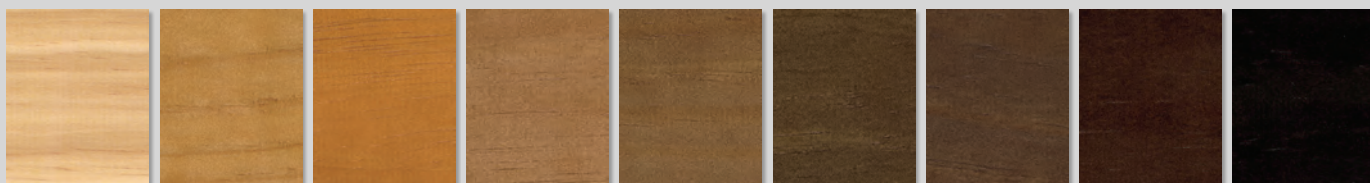


Painted White

Painted Black

Painted Gray

Prefinished Stained Interiors CLEAR COAT AND STAIN SAMPLES ARE SHOWN ON CLEAR SELECT PINE. FINISHES ALSO AVAILABLE ON DOUGLAS FIR AND NATURAL ALDER. ACTUAL FINISH MAY VARY.



Clear

Sunlight

Provincial

Tea with Milk

Antique Barrel

Perfect Brown

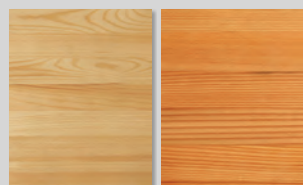
Intensive

Chestnut

Espresso

PINNACLE SELECT

Interior Wood Species UNFINISHED



Clear Select Pine

Douglas Fir

Note: For Pinnacle Select multi-slide and lift & slide in aluminum/wood option: Interior frame and panel trailing edge is not wood and is the same as the exterior color. See Pinnacle Select section details for all door products to view aluminum/wood surfaces.



EXTERIOR AND/OR INTERIOR ALUMINUM FINISHES

For Pinnacle exterior and Pinnacle Select exterior and/or interior

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. All paints are protected with the highly durable 2604¹ finish, or you can upgrade to 2605² for even stronger defense against the elements.³

NOTE: For Pinnacle Select doors, the exterior and interior aluminum color will be the same.



Aluminum Exterior
with Wood Interior*



Aluminum Exterior
with Aluminum Interior*

*Pinnacle Select multi-slide panels shown

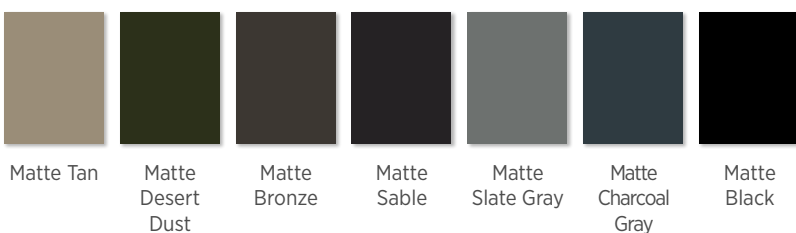
STANDARD COLORS Available in 2604 and 2605 finish.



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



MATTE COLORS Available in 2604 finish only.



¹AAMA 2604 finish backed by a 20-year warranty.

²AAMA 2605 finish backed by a 30-year warranty.

³For 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.

NOTE: Printing limitations prevent exact color/finish representation. See your Window World Design Consultant for actual samples.

PATIO DOOR HANDLES AND FINISHES Pinnacle

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.

Bi-fold doors are available with the contemporary swinging handle in Satin Nickel, Brass and Oil Rubbed Bronze.



NOTE: Printing limitations prevent exact color/finish representation. See your Window World Design Consultant for actual samples.

PATIO DOOR HANDLES AND FINISHES Pinnacle Select



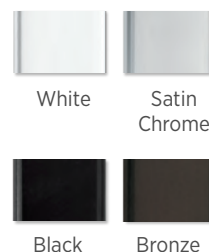
Aria
Handle



Acacia
Handle



Summit
Handle



Multi-Slide
Handle



Lift & Slide
Q-Arte Handle
(Bronze or Satin
Chrome)



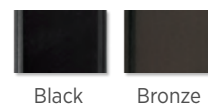
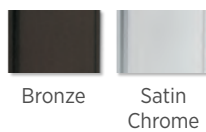
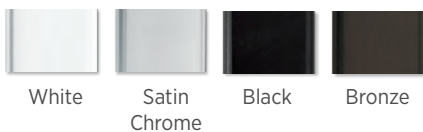
Lift & Slide
Temporary Handle
(Silver)



Wood Interior Bi-fold
Twin Bolt Handle
(Black or Bronze)



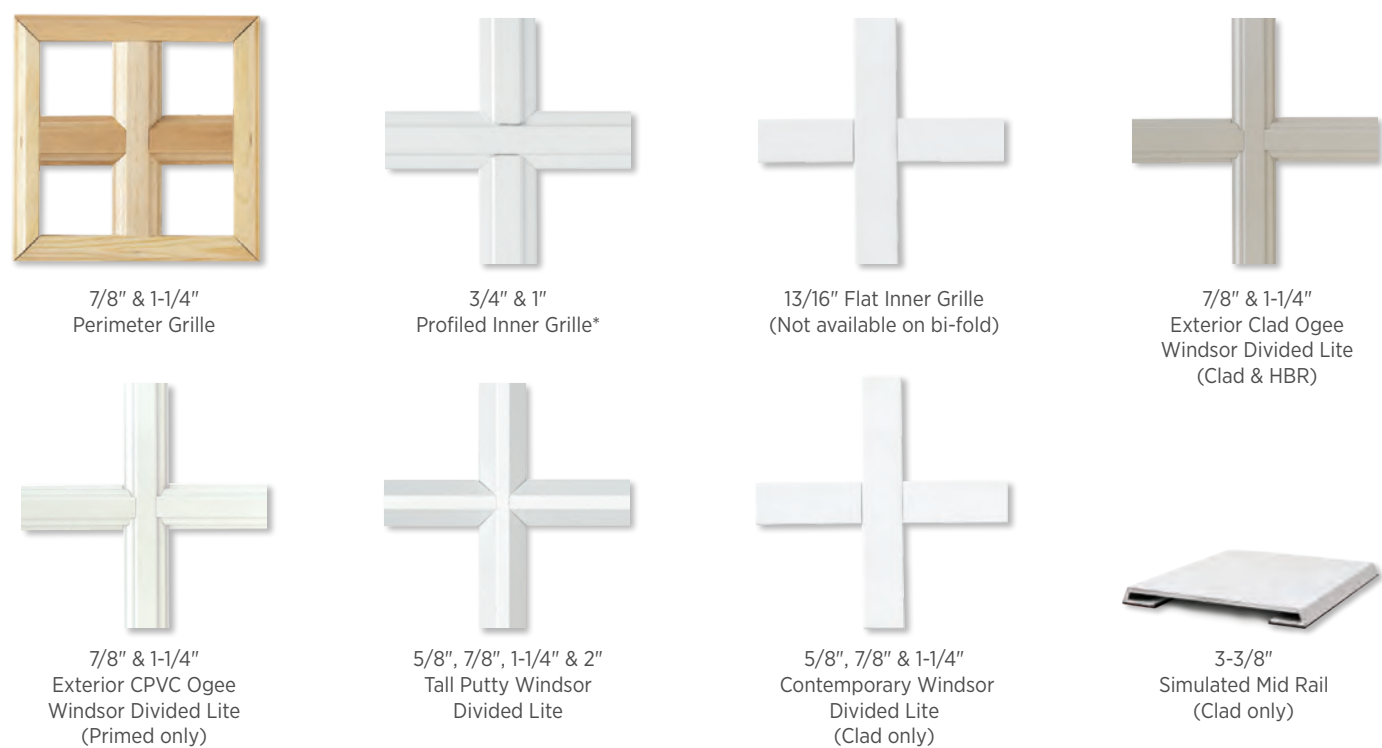
Aluminum Interior
Bi-fold Twin Bolt
Handle
(Black or Bronze)



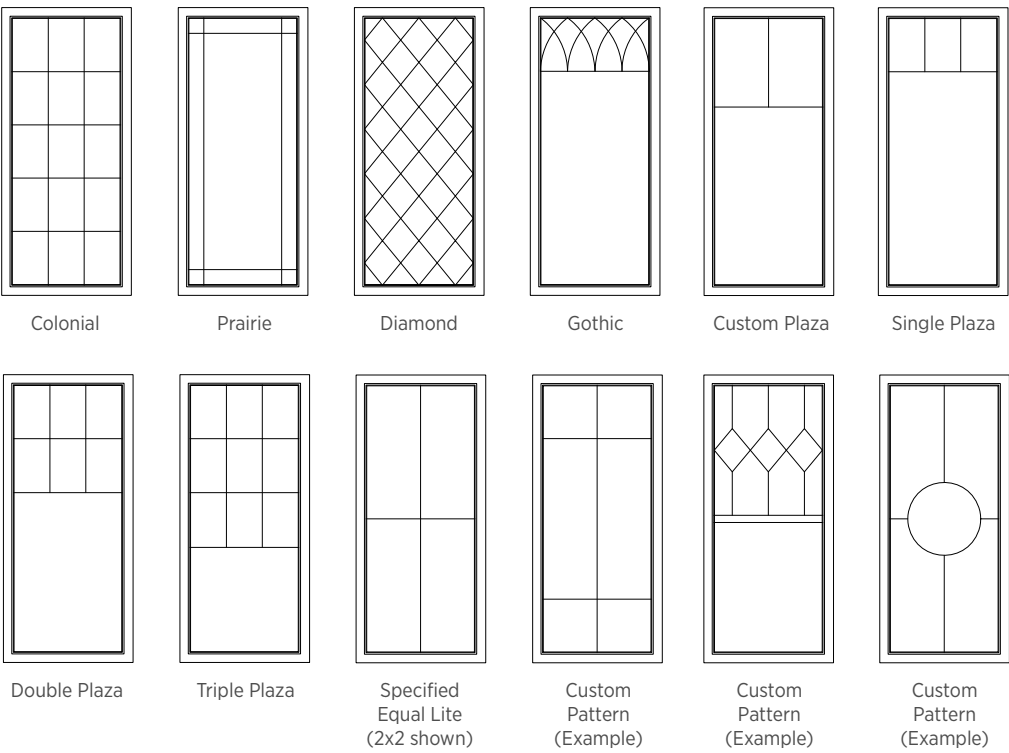
NOTE: Printing limitations prevent exact color/finish representation. See your Window World Design Consultant for actual samples.

GRILLES Pinnacle

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



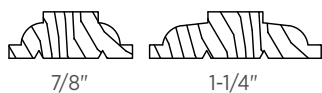
GRILLE PATTERNS Some grille patterns are not available in all configurations and products.



Custom grille patterns available.

GRILLE PROFILES Pinnacle

Interior Grilles - Ogee



Interior Grilles - Putty



Interior Grilles - Contemporary



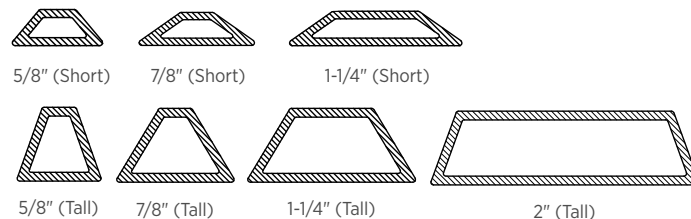
Interior Grilles - Midrail



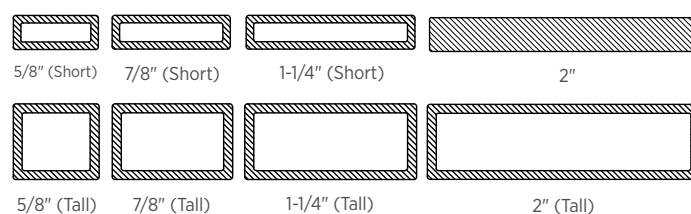
Exterior Grilles - Ogee



Exterior Grilles - Putty



Exterior Grilles - Contemporary

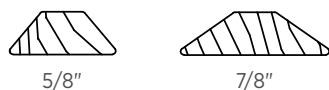


Exterior Grilles - Midrail



GRILLE PROFILES Pinnacle Select

Interior Grilles - Putty



Interior Grilles - Contemporary



Exterior Grilles - Putty



Exterior Grilles - Contemporary



NOTE: Printing limitations prevent exact color/finish representation. See your Window World Design Consultant for actual samples.

INTERIOR TRIM (Clear Select Pine) Pinnacle



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"

ROSETTES



Rosette • 2-3/4"



Rosette • 3-3/4"

EXTERIOR TRIM (Aluminum) Pinnacle



WM 180 Brickmould



WM 180 Solid Back Brickmould



Williamsburg



3-1/2" Flat

EXTERIOR TRIM (Cellular PVC) Pinnacle Primed



WM 180
Brickmould



WM 180
Brickmould with
Flange



Williamsburg



3-1/2" Flat



4-1/2" Backband



5-1/2" Flat



Plantation
(3-1/2" Side; 5-1/2" Head)

HIGH PERFORMANCE GLASS OPTIONS Pinnacle *Special order item.



Obscure

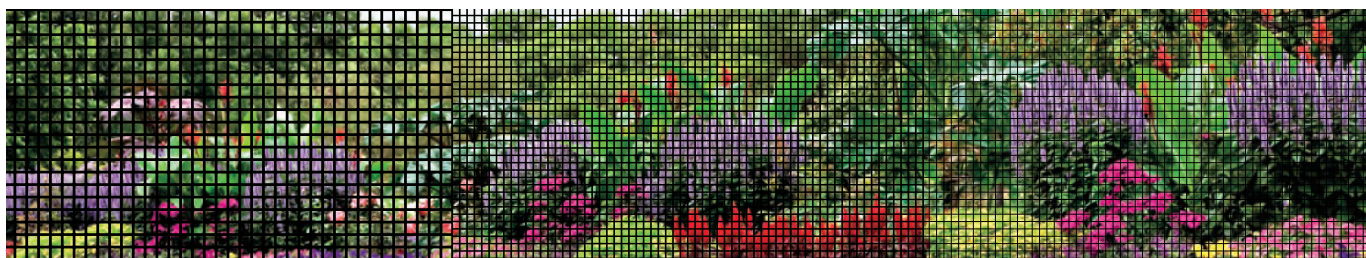
Satin Etch

Glue Chip*

Rain*

Reed*

SCREENS All exterior-applied screens for Pinnacle patio doors come with screen frames matching the clad color of the unit. Available in Pinnacle Sliding Screen applications only. Screens for hinged doors are not available. Screens are not available for Pinnacle Select patio doors.



Conventional Screen Mesh

BetterVue* (Standard)

UltraVue*



NOTE: Printing limitations prevent exact color/finish representation. See your Window World Design Consultant for actual samples.



ENJOY YOUR INVESTMENT FOR A LIFETIME*

Windsor Windows & Doors is proud to announce **WinSure Wood Treat** – the ultimate in window and door protection.

This new wood treat is exclusive to Windsor Windows & Doors and is custom blended to provide superior protection against wood rot caused by fungal decay and termite damage. With a limited lifetime warranty, WinSure is guaranteed to provide structural peace of mind for years to come. Limited lifetime warranty applies to pine products.



Wood Clad Parts and Wood Components Warranty*

Windsor Product	Species	Warranty Term		Coverage	Transferable from Original Date of Manufacture	
		Single Family	Multi-Family / LC		Single Family	Multi-Family / LC
Pinnacle Clad Windows and Doors Pinnacle Select Windows Only and Revive Clad, Revive Clad Sash Replacement Kit	WinSure Pine	Limited Lifetime	10 Years	Wood rot caused by fungal decay and termite damage	20 Years	Not Transferable
	Fir and Alder	10 Years	10 Years	Wood rot caused by fungal decay	10 Years	Not Transferable
Pinnacle Prime Windows and Doors	Pine	10 Years	10 Years	Wood rot caused by fungal decay	10 Years	Not Transferable
Pinnacle Select Doors Only	Pine and Fir	10 Years	10 Years	Wood rot caused by fungal decay	10 Years	Not Transferable

*See Pinnacle and Revive warranties for further details





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Dealer of AAMA
Certified Products,
an FGIA Program



St. Jude Children's
Research Hospital
Finding cures. Saving children.
ALSAC • DANNY THOMAS, FOUNDER

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