

Window World®

8000 SERIES IMPACT-RESISTANT AND NON-IMPACT PATIO DOORS

8000 Series
Impact-resistant
Patio Door
in White.



AMERICA'S EXTERIOR REMODELER

Improving Homes. Changing Lives.

8000 SERIES

IMPACT-RESISTANT AND NON-IMPACT PATIO DOORS



During a storm, laminated glass resists impacts from flying debris.

Our 8000 Series Impact-resistant Patio Doors pairs excellent with our 8000 Series windows, which are a perfect choice for coastal homes. Large glass areas and streamlined sightlines expand views in any room.

8000 Series Patio Doors are available in two- or three-panel configurations, and complement any room decor. Rugged vinyl profiles are strong and secure while the double-strength, tempered laminated glass provides even more peace of mind against coastal storms and forced entry. Complete with full screens for operable panels, each patio door features a keyed lock for secure entry and is also available with a locking interior footbolt.



Features:

- 1 Aluminum interlock constitutes a key strength feature without changing the door's streamlined appearance or restricting the outside view.
- 2 Sturdy frames and sash are made from thick premium quality vinyl extrusions and are chambered for maximum rigidity.
- 3 Sash panels feature full-length steel reinforcement, providing increased impact-resistance where it is needed most.
- 4 A high water barrier bar at the sill helps prevent water penetration at the sill track system.
- 5 Impact-resistant 1" laminated insulating glass not only offers dependable impact performance, but also provides UV protection and improved thermal performance.



Sash panels feature full-length steel reinforcement.



High water barrier bar at the sill to prevent water penetration.



Our new XX configuration features an inset handle located on exterior panel only. Allows for full screen operation.

Hardware

Standard handles are color-matched to your door. Or for a decorative touch, choose from one of four plated finishes. The inset handle on our XX configuration is white on white exterior but black on every other exterior color.

IMPACT-RESISTANT AND NON-IMPACT COMPARISON	
8000 IMPACT-RESISTANT PRODUCTS	8000 NON-IMPACT PRODUCTS
The impact-resistant 1" laminated insulating glass not only offers dependable impact performance, but also provides UV protection and improved thermal performance.	Standard 3/4" insulating glass with the availability of many upgrades.



Draft Protection

Triple weatherstripping at rails and double weatherstripping at junction improves insulation and creates incredible air-tightness to reduce drafts, helping control heating and air conditioning costs.

Sizing

Custom sizing available, stock sizes are as follows:

PATIO DOOR STOCK SIZES										
HEIGHT	79.5"					95.5"				
WIDTH	59"	71"	94.5"	103.5"	139"	59"	71"	94.5"	103.5"	139"
2 PANEL	•	•	•	•		•	•	•		
3 PANEL					•				•	•

PATIO DOOR STRUCTURAL PERFORMANCE					
MAX TEST SIZE	GLASS STRENGTH	AIR INFILTRATION RESISTANCE	WATER TEST PRESSURE	DESIGN PRESSURE	OVERALL PERFORMANCE RATING
(XO) 96" x 96" *	DST / LAMI (SGP)	0.02 cfm/ft2	9.75 psf	+50 / -50 psf	LC-PG50
(XO) 94.5" x 94.5"	DST / LAMI (PVB)	0.07 cfm/ft2	7.50 psf	+50 / -50 psf	LC-PG50
(XOX) 141" x 96"	DST / LAMI (PVB)	0.07 cfm/ft2	7.50 psf	+50 / -50 psf	LC-PG50

PATIO DOOR THERMAL PERFORMANCE									
MAX TEST SIZE	GLASS STRENGTH	LOW-E (SURFACE 2) / CLEAR				LOW-E (SURFACE 2) / LOW-E (SURFACE 4)			
		U-FACTOR	R-VALUE	SHGC	VT	U-FACTOR	R-VALUE	SHGC	VT
(XO) 96" x 96" *	DST / LAMI (SGP)	0.32	3.15	0.20	0.44	0.28	3.60	0.19	0.44
(XO) 94.5" x 94.5"	DST / LAMI (PVB)	0.32	3.14	0.20	0.45	0.28	3.60	0.20	0.45
(XOX) 141" x 96"	DST / LAMI (PVB)	0.32	3.14	0.20	0.45	0.28	3.60	0.20	0.45

*Approved for use in HVHZ.
All Impact Testing performed in accordance with ASTM E1886 & ASTM E1996 (Wind Zone 4 - Missile Level D).
All Testing performed for products approved for use in HVHZ was done so in accordance with TAS 201, 202, 203. All thermal performance values listed reflect the use of NO GRIDS.

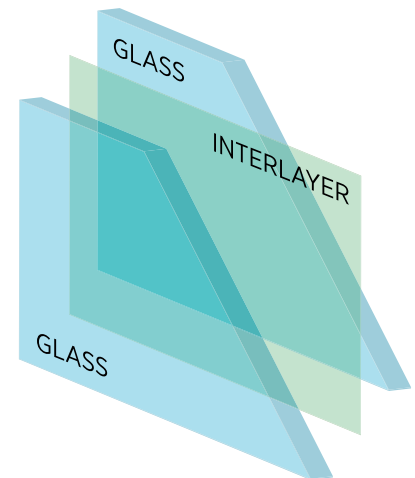


Optional Foot Bolt Lock

The Foot Bolt Lock provides additional protection for your home against forced entry.

Impact-resistant Laminated Glass

Similar to the glass used in car windshields, Window World's 8000 Impact-resistant Series insulating glass features an impact-resistant plastic interlayer that is bonded between two pieces of glass. The interlayer remains adhered to the glass fragments and resists penetration, even if the glass pane is broken – protecting against flying debris and hurricane-force winds. In addition, laminated glass helps resist forced entry, standing up to repeated impacts from hammers, bricks, or similar weapons. It also helps to control unwanted outside noise from entering the home and filters out 99% of the sun's damaging rays, which fade carpets and draperies.



Impact-resistant Glass Components





Interior & Exterior Vinyl Colors



White

Tan

Clay

Black *

*Black interior available in laminate only.

Exterior Laminate Colors



Bronze

Brown

Black

Earthtone



Hunter Green

Silver

Tinted Glass



Tinted Grey



Tinted Bronze



Obscure

Privacy Glass

Hardware



White

Tan

Clay

Satin Nickel

Bright Brass

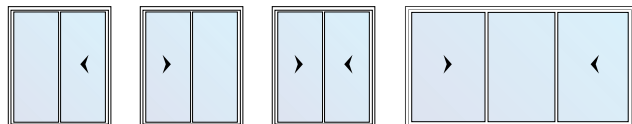
Antique Brass

Bronze

Black *

*Black hardware standard with Black interior.

Configurations



No Fade Vinyl Colors

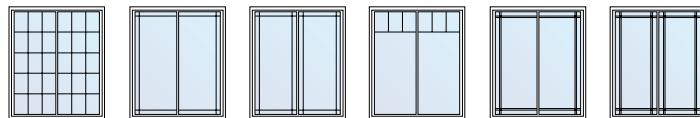
8000 Series Patio Doors are available in three colors to blend with virtually any home color palette. In addition to White, Tan, and Clay extruded colors, Black interior laminate also available. Black hardware standard with Black interior.

Exterior Laminate Colors

Expanding your design options, 8000 Series Patio Doors are also available in six additional exterior colors. All colors are available with all vinyl interior colors. The color coating is applied in a controlled, factory environment to ensure a smooth, even finish and is covered under the manufacturer's comprehensive warranty.

Grid Options

Optional contoured grids are located inside the glass unit to provide a smooth cleaning surface. Available in six patterns.



Colonial

Perimeter

Prairie *

Valance *

Double Perimeter *

Double Prairie *

*Unavailable on Impact-resistant Patio Doors.

Limitations: Exterior colored laminates require additional lead time. Not all interior/exterior colors and grid combinations available. Grids are available in all colors, but not all exterior grid colors available with all interior colors. Contact your Window World design consultant for more details.



*Restrictions may apply. For complete details, see the warranty at your nearest Window World store.

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