

Window World®

8000 SERIES IMPACT-RESISTANT DOUBLE-HUNG WINDOWS



8000 Series
Impact-Resistant
Double-Hung
in White



AMERICA'S EXTERIOR REMODELERSM

Improving Homes. Changing Lives.®

8000 SERIES

IMPACT-RESISTANT DOUBLE-HUNG WINDOWS



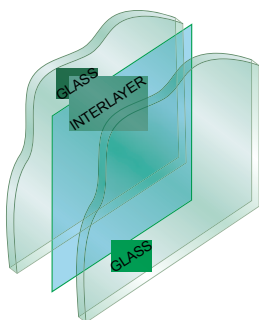
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Sash tilt in for easy cleaning.

Living in coastal areas has its benefits, but there are also challenges. Storm systems are often severe in these communities, so preparing your home is key. Window World's 8000 Series helps you stay ahead of the storm.

Created exclusively for coastal communities, every 8000 Series window features heavy-duty frames, dual-pane impact-resistant glass, energy-efficient SolarZone® glass and corrosion resistant components. In addition, each is backed by a comprehensive manufacturer's warranty. Double-Hung windows offer the added benefit of tilt-in sash, making for easy cleaning from the inside.



Impact-Resistant Laminated Glass

Similar to the glass used in car windshields, 8000 Series' insulating glass features an impact-resistant plastic interlayer that is bonded between two pieces of glass. The interlayer remains adhered to 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 that fade carpets and draperies.



Warm-Edge Technology

The innovative U-channel spacer design creates a powerful thermal barrier that reduces the amount of heat loss conducted through the window and more effectively retains the insulating argon gas that is critical to the window's thermal performance. Because it helps keep the window glass and its edges warmer, it in turn helps to lower energy bills and keep your home more comfortable.

Features

- 1 Sash profiles are reinforced with aluminum that fits tightly into pocketed vinyl chambers on all sides to provide ultimate impact-resistance performance.
- 2 Frame and sash are high-heat fusion welded at precision mitered corners for improved strength and water-tightness.
- 3 Impact-resistant 1" laminated insulating glass not only offers dependable impact performance, but also provides UV protection and improved thermal performance as well.
- 4 Continuous, integral lift rails provide fingertip ease of operation and are molded into the sash itself to prevent them from becoming loose or breaking away from sash with regular use.
- 5 A weatherstripped meeting rail with a dual seal from the sash to the frame creates a positive seal, keeping out harsh elements.
- 6 A heavy-duty, constant force corrosion-resistant balance system provides durability and easy, smooth operation.
- 7 Through an innovative tilt latch designed for coastal areas, both top and bottom sash tilt in to allow for easy cleaning inside the home. In the locked position, the rugged latch integrates deep within the wall studs and window sash reinforcement.
- 8 Covered weep holes in the sill control water drainage. (Not shown.)
- 9 The sill dam height is 2-11/16" to reduce water penetration.
- 10 Marine-grade, corrosion-resistant cam locks always remain warm to the touch and are color-matched to the window. Two locks are standard.



Constant Force Balance System



Defender Tilt Latch



High Sill Dam



Corrosion-Resistant Locks

DOUBLE-HUNG STRUCTURAL PERFORMANCE

MAX TEST SIZE	GLASS STRENGTH	AIR INFILTRATION RESISTANCE	WATER TEST PRESSURE	DESIGN PRESSURE	OVERALL PERFORMANCE RATING
54" x 76" *	DST / LAMI (SGP)	0.05 cfm/ft2	9.75 psf	+65 / -70 psf	LC-PG65
48" x 72"	DS / LAMI (PVB)	0.08 cfm/ft2	9.75 psf	+60 / -65 psf	LC-PG60
54" x 76" *	DST / LAMI (PVB)	0.06 cfm/ft2	9.75 psf	+55 / -60 psf	LC-PG55
54" x 84"	DS / LAMI (PVB)	0.07 cfm/ft2	7.50 psf	+50 / -50 psf	LC-PG50

DOUBLE-HUNG 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
54" x 76" *	DST / LAMI (SGP)	0.32	3.11	0.20	0.44	0.29	3.51	0.19	0.44
48" x 72"	DS / LAMI (PVB)	0.32	3.11	0.20	0.45	0.29	3.51	0.19	0.44
54" x 76" *	DST / LAMI (PVB)	0.32	3.11	0.20	0.45	0.29	3.51	0.19	0.44
54" x 84"	DS / LAMI (PVB)	0.32	3.11	0.20	0.45	0.29	3.51	0.19	0.44

*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.



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

No Fade Vinyl Colors

8000 Series windows are available in three colors to blend with virtually any home color palette. The color is extruded through the vinyl material so it will not fade or discolor over time.

Exterior Laminate Colors

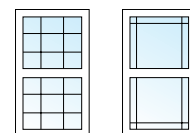
Expanding your design options, 8000 Series windows are also available in six additional exterior colors. Please see limitations listed below, or contact your Window World design consultant for more detail.

Hardware

Hardware is color matched to your window as a standard feature. Optional plated hardware is also available in four finishes - Satin Nickel, Bright Brass, Antique Brass, and Bronze.

Grid Options

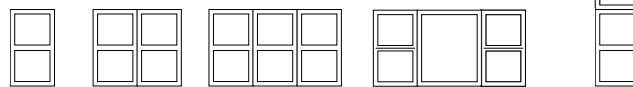
Optional contoured grids are located inside the glass unit to provide a smooth cleaning surface. Available in two patterns.



Colonial

Perimeter

Double-Hung Style Options



Double-Hung

2 Muller Double-Hung

3 Muller Double-Hung

Muller Double-Hung/
Picture Window/
Double-Hung

Double-Hung
Muller w/
Transom

Limitations: Not all exterior colors available with all interior options. Bronze, Brown, and Black exterior laminates require a three-week lead time. Hunter Green, Earthtone, and Silver require a six-week lead time. Grids are available in all colors, but not all exterior grid colors available with all interior colors. Contact your sales representative for more detail.



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

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