



Richlin 500 Casement



Hayfield Window & Door

WWW.RICHLINWINDOW.COM | HAYFIELD, MN 55940

Consider a Bay or Bow

Thinking about a room addition or remodel? Why not install a custom bay or bow window that will actually transform the look and feel of your room? These elegant windows are offered with a standard head and seat board and jamb extensions that coordinate with your interior décor.

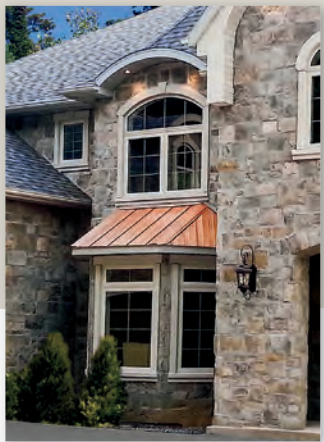
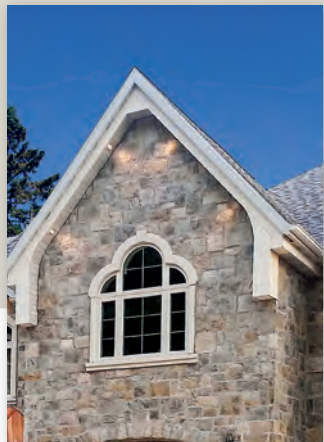


Available in Bay or Bow Window

All Richlin Bay or Bow windows come standard with a steel support system.

Foam Polyurethane Insulation mull cavities are standard on all bay and bow windows.

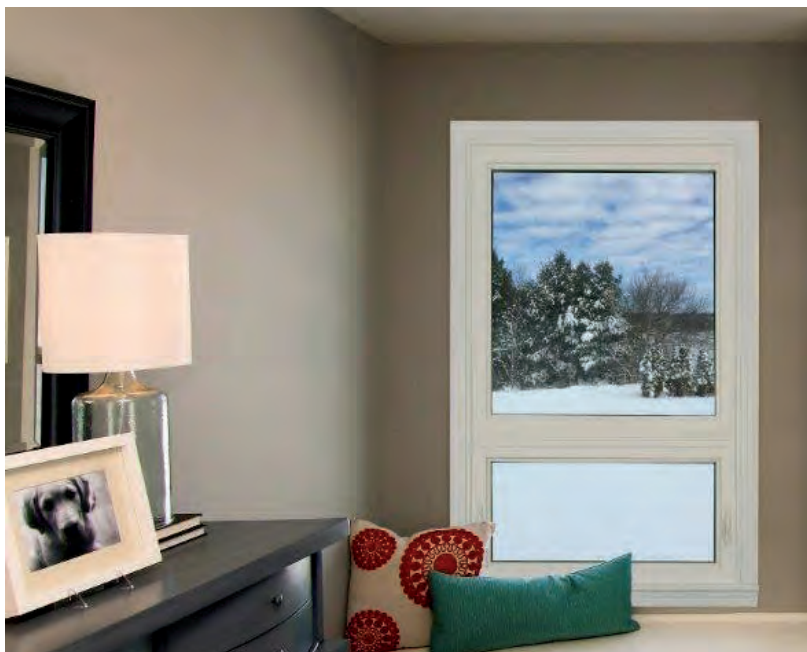




Series 500 Casement Windows

Richlin Windows are designed to fit your existing frame for easy installation with minimal disruption to your home.

Richlin 500 Series
Fixed Over Awning



Richlin 500 Series Casement and Fixed Lite Shown

SOLID COLORS



BEIGE



WHITE

INTERIOR WOODGRAINS

Select one of our three woodgrains to add your own unique personal touch.



DARK OAK with Dark "Faux" Oil Rubbed Bronze hardware



LIGHT OAK with Antique Brass hardware



CHERRY with Brushed Chrome hardware



LIGHT OAK with Clay hardware
(clay hardware standard on all woodgrains)





Hayfield Window & Door has been successfully manufacturing windows since 1951 using the highest quality materials, state-of-the-art equipment, and backed by a solid warranty. We are committed to bringing you top-quality, innovative products that have made us a leader in our industry. Richlin Windows are a replacement line of the highest quality, and are offered exclusively through authorized dealers who will recommend the best window and installation method for your home.



Richlin 500 Series Casement Window shown with SDL Lites



Richlin single lever lock hardware design offers the best in security with multipoint Maxim sash locks.



Richlin Casements' 90° opening provides easy window cleaning inside and out.



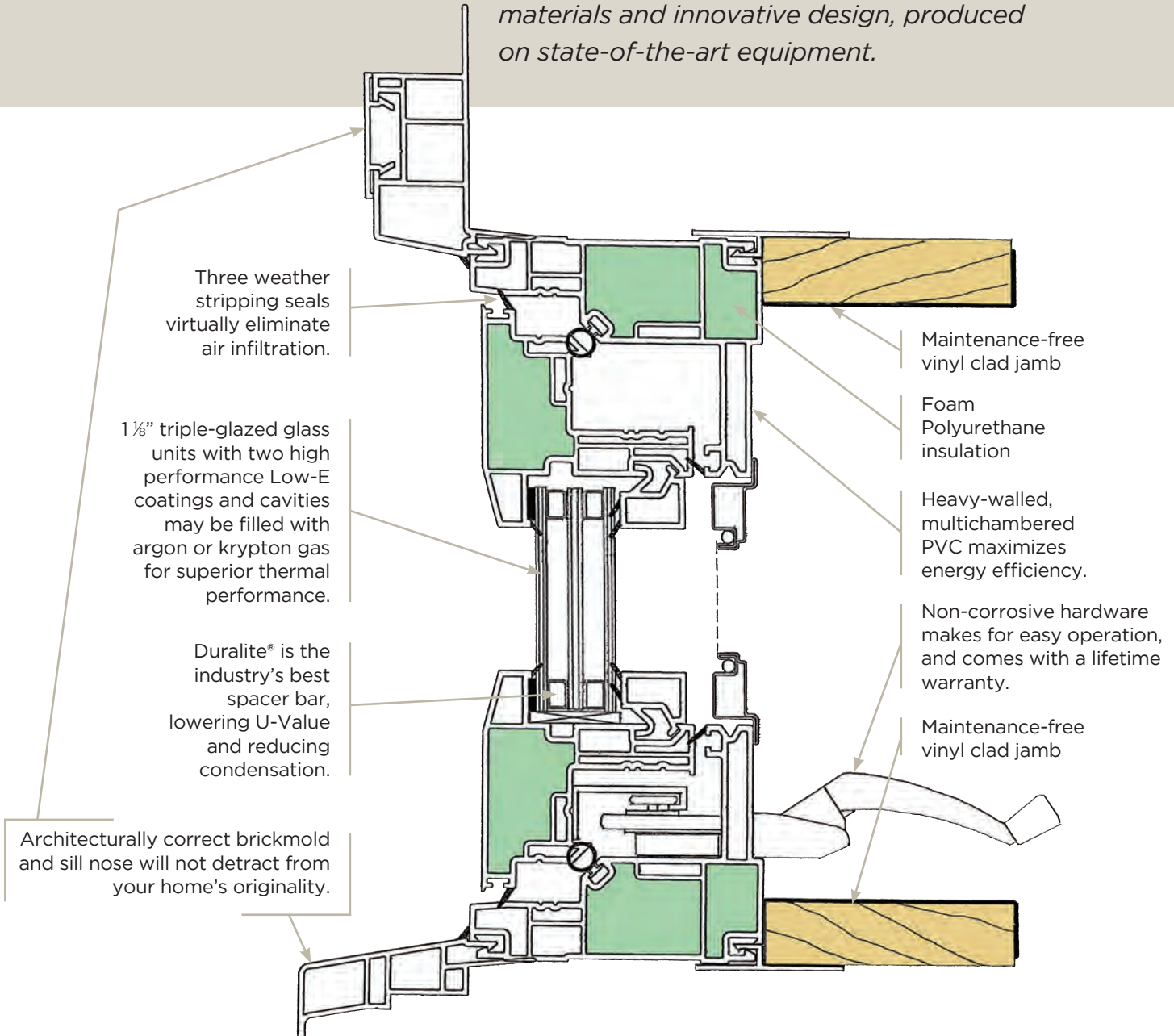
Innovative operators are distinct in appearance and performance, and the fold-down capabilities make them user-friendly with your window coverings.



500 Awning with Maintenance Free Vinyl Clad Jambs

AIR INFILTRATION	0.01 CFM
WATER	12 PSF
STRUCTURAL	DP 60
INDEPENDENT AAMA TEST RESULTS	


Richlin Window uses the highest quality materials and innovative design, produced on state-of-the-art equipment.



Choose from three different glass packages to find the best fit for you.




**DOUBLE GLAZED
LOW-E ARGON**

 Hayfield Window & Door Company Richlin 500 Series Casement Vinyl / Dual Glazed Low-E / Argon Foam Filled Cavities HWD-A-18-00032-00001	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.24	0.31
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./I-P)
0.46	≤0.3




**TRIPLE GLAZED
LOW-E ARGON**

 Hayfield Window & Door Company Richlin 500 Series Casement Vinyl / Triple Glazed Low-E / Argon Foam Filled Cavities HWD-A-18-00037-00001	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.16	0.26
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./I-P)
0.36	≤0.3



**TRIPLE GLAZED
LOW-E KRYPTON**

 Hayfield Window & Door Company Richlin 500 Series Casement Vinyl / Triple Glazed Low-E / Krypton Foam Filled Cavities HWD-A-18-00039-00001	
ENERGY PERFORMANCE RATINGS	
U-Factor (U.S./I-P)	Solar Heat Gain Coefficient
0.14	0.26
ADDITIONAL PERFORMANCE RATINGS	
Visible Transmittance	Air Leakage (U.S./I-P)
0.36	≤0.3

Remember to always look for the NFRC label!

Richlin 900 Series Double Hung

Dependable quality and streamlined installation



DARK OAK with Dark "Faux" Oil Rubbed Bronze hardware



LIGHT OAK with Antique Brass hardware



CHERRY with Brushed Chrome hardware



LIGHT OAK with Clay hardware
(clay hardware standard on all woodgrains)



BEIGE with Beige hardware



WHITE with White hardware

Richlin 900 Series Double Hung Lock & Tilt Latch combined



Hardware with internal tilt latch improves appearance without compromising security.

U-VALUE	
Triple-Low-E (#2,#5) Krypton-Foam	0.17
Triple-Low-E (#2,#5) Argon-Foam	0.22
Low-E Argon-Foam	0.25
Low-E Argon	0.28
AIR INFILTRATION	0.03 CFM
WATER	7.5 PSF
STRUCTURAL	DP 50



Richlin 900 Series Slider



Large windows operate much easier with the AAMA approved stainless steel coil balance system.



Secondary Lock allows for ventilation comfort and security.



Both sashes tilt in for easy cleaning on all Double Hungs.



Richlin 600 Series Double Hung
Narrow Sash for More Daylight



WHITE with White hardware



BEIGE with Beige hardware



LIGHT OAK with Clay hardware



DARK OAK with Clay hardware



CHERRY with Clay hardware



Tilt latch

Night latch



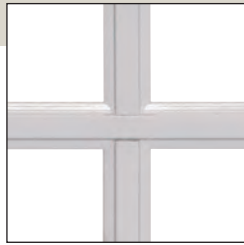
Richlin 600 Series Hardware includes:

- Tilt latch
- Night latch
- Vinyl clad jambs make for a maintenance free window opening.

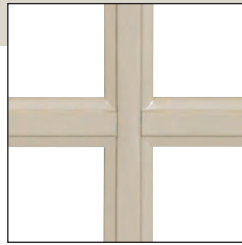


Richlin 600 Series Slider
with Maintenance Free Vinyl Clad Jambs

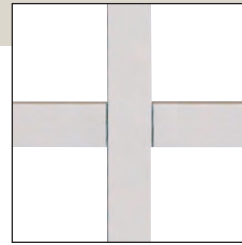




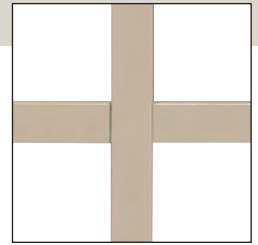
Contour White



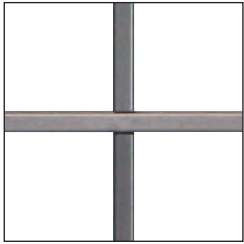
Contour Beige



5/8" White



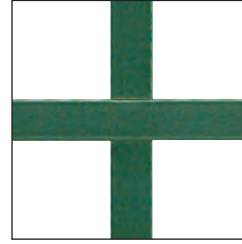
5/8" Beige



Pewter



Brass



5/8" Green



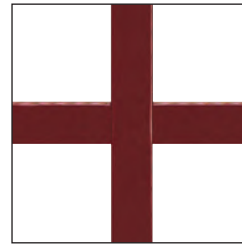
5/8" Brown



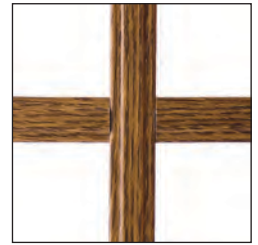
Light Woodgrain/
Beige or White Exterior



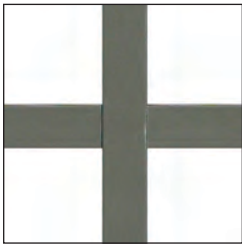
5/8" Bronze



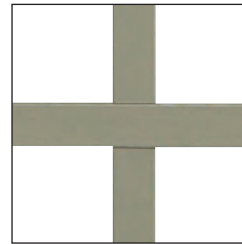
5/8" Burgundy



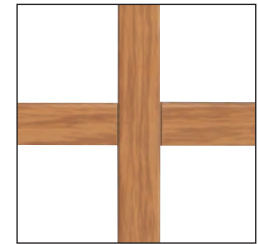
Dark Woodgrain/
Beige or White Exterior



5/8" Sable



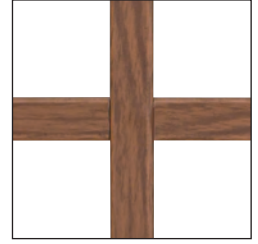
5/8" Clay



5/8" Light Woodgrain/
Beige or White Exterior



Cherry Woodgrain/
Beige or White Exterior



5/8" Dark Woodgrain/
Beige or White Exterior



5/8" Cherry Woodgrain/
Beige or White Exterior

INTERNAL GRIDS

Internal grids are an easy way to beautify your home giving it individuality and curb appeal. Colonial, Prairie and custom patterns are available.



SIMULATED DIVIDED LITES (SDL)

Simulated Divided Lites are a non-removable feature added to the exterior and interior of the window to give a traditional look.

CHERRY WINDOW -
Cherry Woodgrain Interior; Cherry SDL Lites; Cherry Woodgrain Screen; Cherry Jamb Extensions and Casing.

EXTERIOR OPTIONS

All windows are available with a nailing fin or 1" J-trim for exterior siding.



FACTORY APPLIED VINYL CLAD JAMB EXTENSIONS

for convenient installation. Maintenance free to last a lifetime.



White
Jamb Extension and Casing



Beige
Jamb Extension and Casing



Light Vinyl Woodgrain
Jamb Extension and Casing



Dark Vinyl Woodgrain
Jamb Extension and Casing



Cherry Woodgrain
Jamb Extension and Casing

JAMB EXTENSION RECEIVER

If you choose not to order a factory applied jamb extension, a jamb extension receiver may be used.



Accepts up to 3/4 inch.

Complete window frame installation — Easy as 1 - 2 - 3

with two piece brickmold and vinyl clad jamb kits.



Screw through brickmold.



Snap on brickmold cover.



Slide pre-assembled jamb kit against the window and nail through casing.



500 Casement

Consistent color match for years to come.

*Follow local building codes

507-477-3224 | www.richlinwindow.com



201 Single Hung Arch Top

201 Single Hung



201 Slider - with Half-Round



201 Slider



201 Single Hung Arch Top



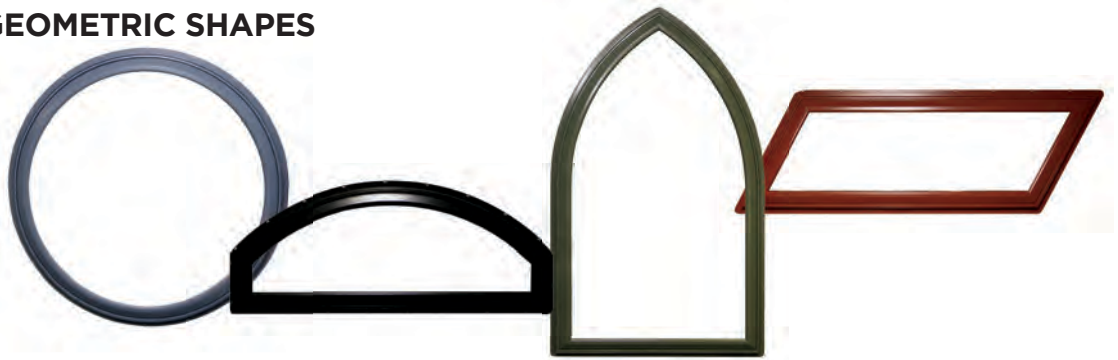
EIGHT STANDARD COLORS AVAILABLE

from the Aqua Surtech

AQUA SURTECH is a well-tested and field-proven coating system that provides outstanding protection against all weather conditions and assures long lasting satisfaction. AQUA SURTECH is an organic waterborne coating system, and has been tested to AAMA and ASTM standards.



CUSTOM GEOMETRIC SHAPES



Custom colors available

2000 Series Rolling Patio Door

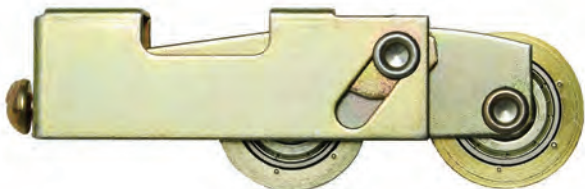


Feel secure with our standard two-point locking system.



Personalize your Patio Door to match your décor.

Doors glide on adjustable ball bearing rollers that are self-aligning, assuring quiet and easy handling.





Raise and tilt blinds between the glass — available on standard doors.



2000 ROLLING PATIO DOOR W/INTERNAL BLINDS
Shown with dark woodgrain

NORTHERN CLASSIC

751 CASEMENT WINDOW



Classic Elegance

NORTHERN CLASSIC WINDOWS

Richlin Northern Classics windows are the perfect choice for new home construction or for replacement windows in an older home. Richlin replacement windows are available in a 3 ¼ in. replacement frame or come with an attached jamb extension up to 7 in. to fit into the existing window opening. 751 Casements are available in pine, maple and oak, which may be stained to match any décor.

HARDWARE

Nesting Hardware standard on all Northern Classics Casement:

White



Clay



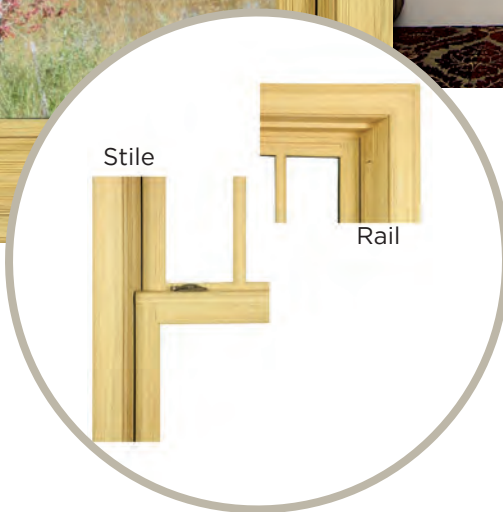
Beige



HERITAGE CLASSIC DOUBLE HUNG



DURA WOOD



Looking to preserve your older home's charm in the most energy efficient way? The Heritage Classic Double Hung, with its colonial sash, stile and rail will help you maintain your home's traditional look for years to come.

The Heritage Classic Double Hung is a welded vinyl window available in solid white or with a Dura Wood stainable interior, which can be stained to match your décor. Dura Wood offers the look and feel of a real wood veneer without all the hassle.

3151 FRENCH SLIDING PATIO DOORS

The Northern Classics 3151 French Sliding Patio Door has a rigid vinyl exterior, and a wood interior for no maintenance outside and no lack of beauty inside. Ideal for replacement of existing doors or new construction. Interior choices are pine, maple and oak, which may be stained.

Doors glide on adjustable ball bearing rollers that are self-aligning, assuring quiet and easy handling.



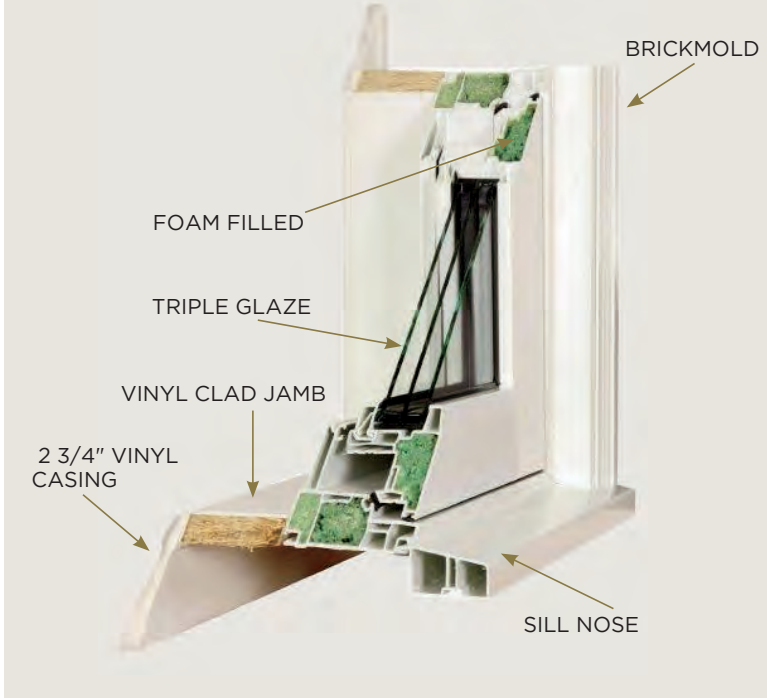
3151 FRENCH SLIDING PATIO DOORS
Personalize your Patio Door to match your décor.

	Clear-Air	Clear-Air-Grids	LowE-Air	LowE-Air-Grids	LowE-Argon	LowE-Argon-Grids	LowE-Argon-Foam	Triple-LowE(#2,#3)-Argon-Grids	Triple-LowE(#2,#3)-Argon-Foam	Triple-LowE(#2,#3)-Krypton-Grids	Triple-LowE(#2,#3)-Krypton-Foam	Triple-LowE(#2,#3)-Argon-Grids-Foam	Triple-LowE(#2,#3)-Krypton-Grids-Foam		
201 Single Hung	U-Value	0.46	0.32	0.32	0.28	0.27	0.27	0.24	0.25	0.19	0.2	0.22	0.23	0.17	0.18
DP - 55	SHGC	0.63	0.38	0.34	0.37	0.34	0.37	0.32	0.29	0.32	0.29	0.32	0.29	0.32	0.29
Air - 0.02 cfm/ft²	VT	0.65	0.58	0.50	0.56	0.50	0.56	0.44	0.39	0.44	0.39	0.44	0.39	0.44	0.39
Water - 8.25 psf	CR	46	46	58	62	62	62	68	68	68	68	69	69	74	74
201 Slider	U-Value	0.46	0.32	0.32	0.28	0.27	0.27	0.24	0.25	0.19	0.2	0.23	0.24	0.17	0.18
DP - 35	SHGC	0.63	0.38	0.34	0.37	0.34	0.37	0.32	0.29	0.32	0.29	0.32	0.29	0.32	0.29
Air - 0.06 cfm/ft²	VT	0.65	0.58	0.50	0.56	0.50	0.56	0.44	0.39	0.44	0.39	0.44	0.39	0.44	0.39
Water - 6.75 psf	CR	46	46	59	63	63	63	68	68	69	69	69	69	73	73
600 DH	U-Value	0.46	0.32	0.32	0.29	0.29	0.27	0.25	0.26	0.2	0.2	0.23	0.24	0.17	0.18
DP - 50	SHGC	0.62	0.37	0.33	0.37	0.33	0.37	0.31	0.28	0.31	0.28	0.31	0.28	0.31	0.28
Air - 0.03 cfm/ft²	VT	0.64	0.57	0.49	0.55	0.49	0.55	0.43	0.39	0.43	0.39	0.43	0.39	0.43	0.39
Water - 7.5 psf	CR	45	45	58	62	62	62	65	65	68	68	66	66	73	73
600 DS	U-Value	0.45	0.31	0.31	0.28	0.28	0.26	0.24	0.25	0.19	0.19	0.22	0.23	0.17	0.18
DP - 40	SHGC	0.61	0.36	0.33	0.36	0.33	0.36	0.31	0.28	0.31	0.28	0.31	0.28	0.31	0.28
Air - 0.06 cfm/ft²	VT	0.63	0.56	0.49	0.55	0.49	0.55	0.43	0.38	0.43	0.38	0.43	0.38	0.43	0.38
Water - 6.75 psf	CR	46	46	59	62	62	62	67	67	72	72	69	69	75	75
900 DH	U-Value	0.45	0.33	0.33	0.29	0.29	0.26	0.25	0.26	0.21	0.21	0.22	0.23	0.17	0.18
DP - 50	SHGC	0.58	0.35	0.32	0.35	0.31	0.35	0.30	0.27	0.30	0.27	0.30	0.27	0.30	0.27
Air - 0.03 cfm/ft²	VT	0.61	0.54	0.47	0.52	0.47	0.52	0.41	0.36	0.41	0.36	0.41	0.36	0.41	0.36
Water - 7.5 psf	CR	46	46	58	62	62	62	65	65	66	66	66	66	74	74
900 DS	U-Value	0.45	0.32	0.32	0.29	0.29	0.26	0.25	0.26	0.20	0.21	0.22	0.23	0.17	0.18
DP - 50	SHGC	0.56	0.34	0.31	0.34	0.31	0.34	0.29	0.26	0.29	0.26	0.29	0.26	0.29	0.26
Air - 0.10 cfm/ft²	VT	0.59	0.52	0.45	0.51	0.45	0.51	0.40	0.36	0.40	0.36	0.40	0.36	0.40	0.36
Water - 7.5 psf	CR	46	46	58	62	62	62	67	67	68	68	68	68	74	74
500 Casement	U-Value	0.39	0.28	0.28	0.25	0.25	0.24	0.18	0.18	0.16	0.16	0.16	0.17	0.14	0.14
DP - 60	SHGC	0.51	0.28	0.28	0.31	0.28	0.31	0.26	0.24	0.26	0.24	0.26	0.24	0.26	0.26
Air - <0.01 cfm/ft²	VT	0.53	0.48	0.42	0.46	0.42	0.46	0.36	0.33	0.36	0.33	0.36	0.33	0.36	0.36
Water - 12.0 psf	CR	46	46	60	64	64	64	77	77	81	81	78	78	82	82
751 Casement	U-Value				0.28	0.28	0.25	0.24	0.25	0.19	0.2	0.21	0.22	0.17	0.17
DP - 70	SHGC		0.34	0.31	0.34	0.31	0.34	0.29	0.26	0.29	0.26	0.29	0.26	0.29	0.26
Air - <0.01 cfm/ft²	VT		0.50	0.46	0.50	0.46	0.50	0.40	0.36	0.40	0.36	0.40	0.36	0.4	0.36
Water - 12.0 psf	CR		63	63	65	65	65	66	66	73	73	69	69	77	77
851 Double Hung	U-Value				0.29	0.30									
DP - 45	SHGC		0.28	0.25	0.28	0.25									
Air - 0.13 cfm/ft²	VT		0.50	0.44	0.50	0.44									
Water - 7.5 psf	CR		59	59											
3101 Patio	U-Value	0.46	0.31	0.31	0.28	0.28		0.23	0.24	0.18	0.18				
DP - 35	SHGC	0.66	0.35	0.35	0.40	0.35		0.34	0.30	0.34	0.3				
Air - 0.04 cfm/ft²	VT	0.69	0.61	0.53	0.60	0.53		0.47	0.42	0.47	0.42				
Water - 6.0 psf	CR	45	45	58	61	61		66	66	67	67				
2000 Patio	U-Value	0.45	0.31	0.31	0.28	0.28		0.24	0.25	0.18	0.19				
DP - 30	SHGC	0.62	0.38	0.33	0.38	0.33		0.32	0.29	0.32	0.29				
Air - 0.04 cfm/ft²	VT	0.66	0.58	0.50	0.57	0.50		0.45	0.39	0.45	0.39				
Water - 6.0 psf	CR	47	47	59	63	63		66	66	66	66				

Based on test results current as of 09/12/2016



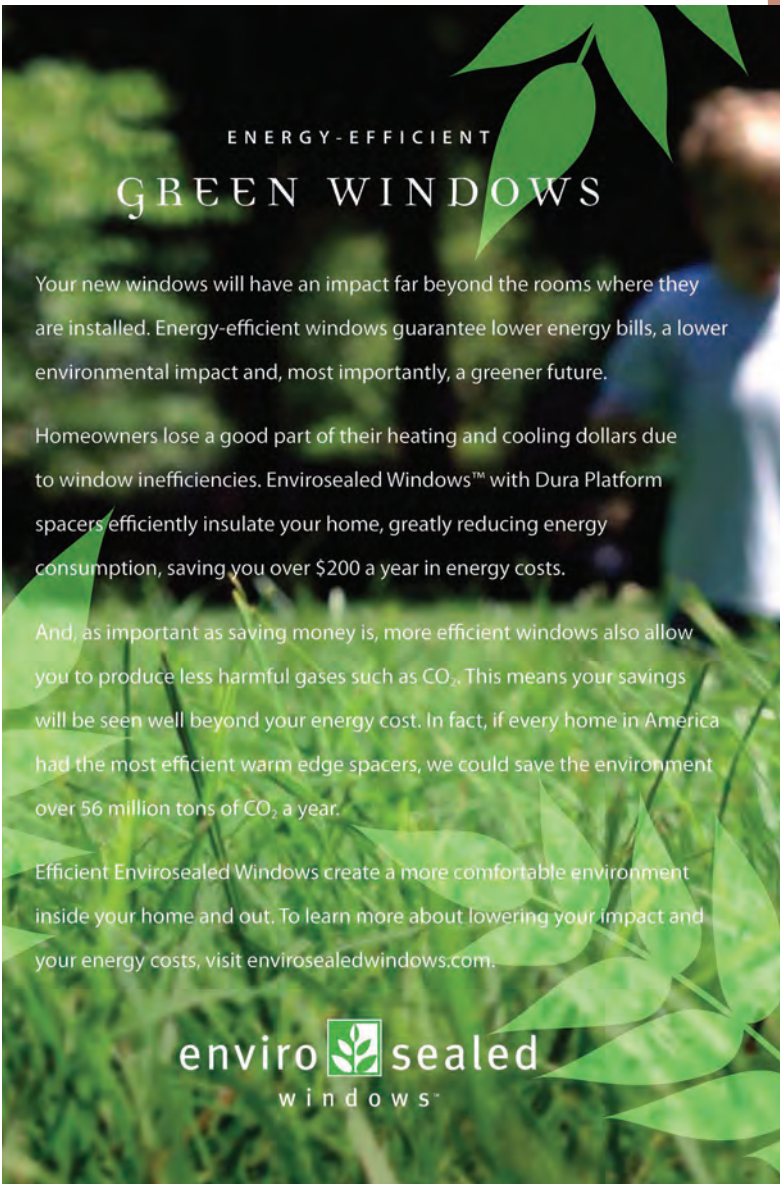
Richlin Window™



What is NFRC?

NFRC administers an independent, uniform rating and labeling system for the energy performance of fenestration products, including windows, curtain walls, doors, and skylights. For more information on NFRC, visit www.nfrc.org.

We have been a green company for many years. As part of our green initiative, we practice the reduce, reuse, recycle philosophy. While all of our windows are constructed with new materials, we conserve resources by recycling all of the materials used in the manufacturing of our products: glass, vinyl, wood, plastic, steel, aluminum, cardboard and ink cartridges.



ENERGY-EFFICIENT GREEN WINDOWS

Your new windows will have an impact far beyond the rooms where they are installed. Energy-efficient windows guarantee lower energy bills, a lower environmental impact and, most importantly, a greener future.

Homeowners lose a good part of their heating and cooling dollars due to window inefficiencies. Envirosealed Windows™ with Dura Platform spacers efficiently insulate your home, greatly reducing energy consumption, saving you over \$200 a year in energy costs.

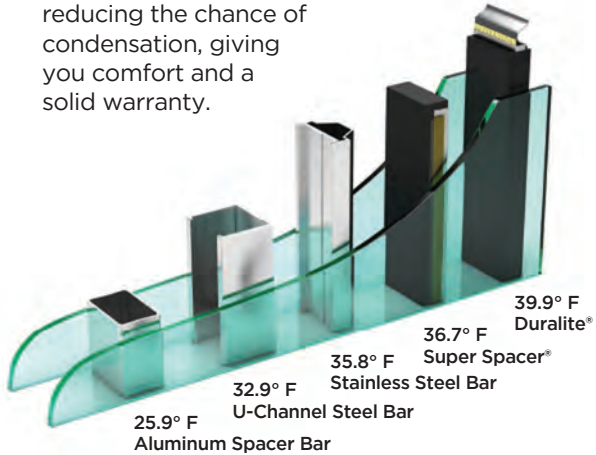
And, as important as saving money is, more efficient windows also allow you to produce less harmful gases such as CO₂. This means your savings will be seen well beyond your energy cost. In fact, if every home in America had the most efficient warm edge spacers, we could save the environment over 56 million tons of CO₂ a year.

Efficient Envirosealed Windows create a more comfortable environment inside your home and out. To learn more about lowering your impact and your energy costs, visit envirosealedwindows.com.

envirosealed windows

ENHANCE COMFORT.

Richlin Window always selects the best components, so naturally all Richlin windows are built with Duralite® spacer bars which outperform all other spacer bars while lowering the U-Value, reducing the chance of condensation, giving you comfort and a solid warranty.



RICHLIN WINDOW'S *Solid Warranty*

All Richlin Window products are backed by a limited lifetime warranty which is transferable. Richlin warrants that the rigid vinyl extrusions used in their products are first-grade, exterior quality materials. The polyvinyl chloride (PVC) extrusions have been tested and proven using the highest grades of ultraviolet treatment available on the market today. Richlin warrants that the vinyl extrusions used in these products will not pit, chip, corrode, or blister, and are not affected by salt air. The company also warrants that the real wood on the interior surfaces will not delaminate from the vinyl windows and doors.

*Top 100 Window Manufacturer
in North America.*



All Richlin products are welded on four-point welders that ensure they're square.



Hayfield Window & Door Company has been proudly manufacturing high quality products at one of two facilities located in MN since 1951.



507-477-3224 • Fax 507-477-3605
www.richlinwindow.com
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