

Fusionwood Series
Composite Windows & Patio Doors



FOR REPLACEMENT AND
NEW CONSTRUCTION APPLICATIONS





INNOVATIVE DESIGN

Trust Value windows for your next replacement or new construction project. For more than 10 years we have perfected our products in every step of the design and engineer process, and have selected only the best components to ensure high performance and long lasting satisfaction.

We strive to provide remarkable customer service and outstanding products that surpass industry's standards and are beautiful, functional and energy efficient.

With continued innovation and a commitment to excellence, we are at the forefront in product development and design with full lines of windows and patio doors sure to meet your project needs.



FUSIONWOOD SERIES

CLASSIC LOOK, OUTSTANDING BENEFITS

Fusionwood Series windows and patio doors, are built from new solid core frame technology and feature real wood interior veneers that give the look of a true wood window with all the benefits of a vinyl frame. Fusionwood frame material is a revolutionary combination of PVC and acrylic-based polymers. This unique resin combination will not absorb moisture, so it will not crack or rot. Fusionwood material is exceptionally stable in cold, hot or humid climates. With outstanding thermal performance Fusionwood products are a great choice for energy efficiency. Available in retrofit, block and nail-on frames, a solution for every application.

FUSIONWOOD WINDOWS FEATURES AND BENEFITS

Durability and ease of use

- Exteriors feature high performance SuperCapSR™ coating for reduced solar infrared heat absorption and increased protection from sun related damage
- Solid core frame construction for structural strength and durability
- Even sight lines for a balanced look
- Reinforced sashes for outstanding support
- Premium hardware for lasting ease of use
- Brass rollers on sliding models for smooth operation
- Hung models feature constant force counter weight balance system for effortless movement of operating sashes

Enhanced energy efficiency

- Beveled, multi-chambered extruded composite material for enhanced thermal performance and classic look
- 4-1/4" frame depth for structural integrity
- 7/8" insulated glass unit featuring LoE3 glass and Duralite spacer enhances thermal performance of glass components
- Full weather stripping helps prevent air infiltration
- Argon gas filled for increased energy savings
- Flat, sculptured and Simulated True Divided grids in a variety of patterns
- Factory stacking and mulling options in many different combinations
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be ordered to meet ENERGYSTAR® requirements
- Lifetime Warranty

Available Color combinations



Fusionwood window rollers

FUSIONWOOD STYLING

CLASSIC ELEGANCE, AND FUNCTIONALITY

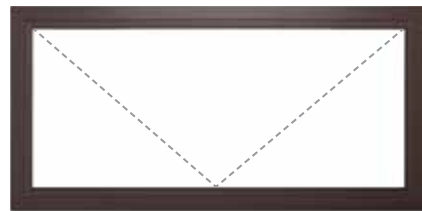
Your new Fusionwood windows are manufactured to order to meet the architectural needs of your home. Enhance your window opening with a new style for added functionality. Fusionwood windows can be stacked or mulled in a variety of combinations.



Horizontal Slider viewed from outside Bronze finish



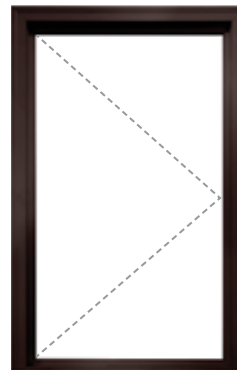
Horizontal Slider viewed from inside Pine finish



Awning



Double Hung



Picture window



Casements and awnings



FUSIONWOOD FRAME TYPES



Retrofit



Block



Nail-on



FUSIONWOOD PATIO DOORS

BEAUTY AND PERFORMANCE

Fusionwood Patio doors combine beauty, functionality and outstanding energy efficiency that will enhance the look of your home for many years to come.

Several door configurations and grid types are available for a unique look.

Durability and ease of use

- Exteriors feature high performance SuperCapSR™ coating for reduced solar infrared heat absorption and increased protection from sun related damage
- Solid core frame construction for structural strength and durability
- Even sight lines for a balanced look
- Aluminum reinforced sashes for outstanding support and rigidity
- Premium hardware for lasting ease of use
- Bearing-equipped nylon composite rollers on sliding models for smooth operation
- Fixed lite glazed into patio door panel
- Common frame at head and jambs
- Ergonomic handles for ease of use

Enhanced energy efficiency

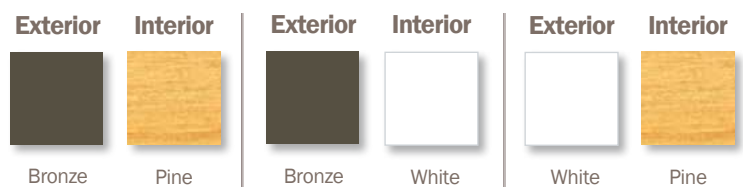
- Beveled, extruded composite material for enhanced thermal performance and classic look
- 4-1/2" frame depth for structural integrity
- 7/8" insulated glass unit with exterior glazing featuring LoE3 glass and Duralite spacer enhances thermal performance of glass components
- Full weather stripping helps prevent air infiltration
- Argon gas filled for increased energy savings



Fusionwood patio door, interior pine finish

- Flat and sculptured grids in a variety of patterns placed inside the insulated glass unit and STDL grids(Simulated True Divided Lite) placed outside the insulated glass unit
- Standard, custom and extra large sizes are available
- AAMA and NFRC certified to meet or exceed industry structural and energy efficiency standards
- May be ordered to meet ENERGYSTAR® requirements
- Lifetime Warranty

Available Color combinations



PERFORMANCE INFORMATION: THERMAL AND STRUCTURAL RATINGS FOR FUSIONWOOD WINDOWS & PATIO DOORS

Dual glaze units feature LowE3 and clear glass and Argon gas fill. All styles have passed forced entry, air infiltration and water penetration resistance. Most styles are suited for use in a variety of dwellings.

Product Type	Style	Glazing	Thermal Performance					Structural Performance			
			U Factor	Solar Heat Gain Coefficient SHGC		Visible Transmittance		CR Condensation Resistance	Structural Rating	DP Rating	Size Tested
				Grids		Grids					
				No grids	<1"	No grids	<1"				
windows	XO Slider	Dual Glaze	.25	.20	0.18	.47	.42	CR 63	LC PG 25	25	72 x 72"
	XOX Slider	Dual Glaze	.25	.20	0.18	.47	.42	CR 63	R PG 15	15	120 x 72"
	Double Hung	Dual Glaze	.22	.18	.16	.41	.36	CR 54	R PG 50	50	44 x 63"
	Picture	Dual Glaze	.20	.22	.20	.52	.46	CR 45	CW PG 55	55	120 x 72"
	Casement	Dual Glaze	.20	.18	.16	.41	.37	CR 49	LC PG 40	40	36 x 72"
	Awning	Dual Glaze	.20	.18	.16	.41	.37	CR 45	LC PG 30	30	60 x 36"
doors	Sliding	Dual Glaze	.20	.18	.16	.42	.36	CR 49	LC PG 30	30	96- ³ / ₁₆ x 96"

As tested with LowE3 glass, Duralite spacer and Argon gas filled.



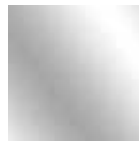
CUSTOM OPTIONS

PATTERN & COLOR GLASS SELECTION

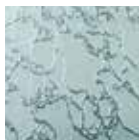
Our variety of pattern glass designs preferred options for bathrooms, add character, privacy and dimension to windows or doors. Bronze and gray glass are also available.



Bronze



Gray



Delta Frost



Glue Chip



Obscure



Rain

Other glass patterns available upon request. Please contact your Value Sales Representative for more details.

GRID OPTIONS

Add a unique element to your windows and doors with a grid design. With several patterns to choose from and the benefit of having the flat or sculptured grids placed inside the insulated glass unit, cleaning your windows is easy and convenient.

Add elegance to your windows and doors with our unique STDL, Simulated True Divided Lite grids, only available on Fusionwood Series. STDL grids are placed outside the glass and provide a classic and distinctive look.

Flat Grids

Sculptured Grids



5/8"



3/4"



5/8"



1"

STDL, Simulated True Divided Lite 1-1/8" wide



Bronze



Pine



White

Available grid patterns, Marginal, Double Prairie and Colonial

VALUE WINDOWS & DOORS

TRUSTED PARTNERS



Cardinal Glass

Since 1962, Cardinal's mission has been to provide the highest quality glass products for residential windows throughout the world.

Cardinal Industries is our trusted glass provider, from energy efficient glass to annealed and tempered options we, rely on Cardinal's products to manufacture high quality insulated glass units.

Energy efficiency is all about maintaining optimal temperatures with minimal energy loss. With Cardinal LoE³ glass installed window heat can be dramatically reduced. This helps keep your home cool and comfortable. Ordinary window glass simply does not compare.

In cold weather months, heating costs increase energy consumption. Usually, 75% of an exposed window is glass. This directly affects the temperature inside. Better insulation will keep your home warmer and heating cost down.

Cardinal's LoE³ glass provides outstanding protection against fading and ultraviolet damage. Blocking out up to 95% percent of harmful rays will help avoid sun damage and fading inside the home. Visible light still shines through for brightness without significant darkness or tinting effects.



enviro sealed

windows™ and doors

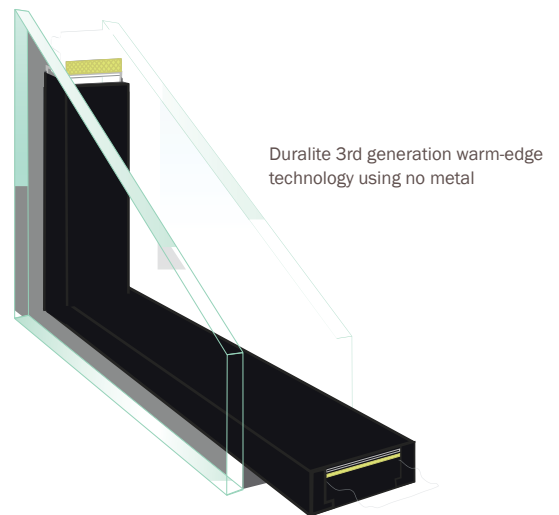
Powered by

Duralite®

Warm Edge Technology.

All Value Series products feature Duralite spacers that provide maximum insulation between glass panels. Energy inside the home is kept where it should be, inside. Keep heat out during summer months and cold out during the winter.

- Composite laminating technology
- Polycarbonate spacer element, no metal
- A unique patented design
- Smooth surface appearance
- Black sight line
- Proven adhesive technology
- Superior argon gas retention
- Minimal compression required
- Lower conductivity polymeric warm edge spacer
- Improved condensation resistance
- Warmer edge of glass temperature



Duralite 3rd generation warm-edge technology using no metal

INTERLOCK

ASSA ABLOY

With generations of experience in designing, manufacturing and distributing window and door hardware across the globe, the collective ingenuity of the team at Interlock USA has been decades in the making. Perhaps best known as the inventor of the automatic sash lock system for vinyl windows, Interlock specializes in working closely with window and door manufacturers to create innovative hardware designs that differentiate their products from the competition.

Through innovative design, superior technical support and personalized service, Interlock creates unique, sophisticated hardware solutions that consistently hit the mark with consumers—both in form and function.

With worldwide resources through ASSA ABLOY, and partnerships with globally recognized companies such as the SIEGENIA-AUBI Group (SIEGENIA-AUBI & KFV), Dr. Hahn and Brio, Interlock USA provides comprehensive, solutions for window and door manufacturers throughout North America. With a global foot print, Interlock ASSA Abloy provides high quality hardware for several window and door applications.

Interlock USA is proud to be a member of the American Architectural Manufacturers Association (AAMA).



Fusionwood Series Vinyl Windows & Patio Doors

PROUDLY MADE
IN THE USA 

