





Ranked "Highest in Builder and Remodeler Satisfaction among Residential Window and Patio Door Manufacturers" in the J.D. Power and Associates 2008 Builder and Remodeler Residential Window and Patio Door Satisfaction Study.SM

One great company. Lots of great products.

Simonton Windows® knows exactly what architects and designers want and need. Whether it's a unique design or a stringent code requirement, Simonton produces a wide scope of windows and doors to meet your specifications. And it all comes from over 60 years experience in the building industry. Recognized for quality performance, Simonton windows and doors include patented features and rigorously tested designs. From new construction and replacement to impact-resistant windows and doors, our wide range of products provides the perfect fit for any plan. And as part of the industry-leading Fortune Brands family, we continually strive to keep our products on the cutting edge with improved manufacturing, advanced technology and progressive ways to make our already energy-efficient windows and doors even more advanced. When you specify Simonton, you get more than great products. You get great results.

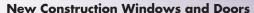
1-800-SIMONTON www.simonton.com

Sweets.com

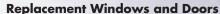


Impact-resistant Windows and Doors

Built to stand up against stringent impact, cycling and water-infiltration tests, Simonton StormBreaker Plus® windows and doors have helped change the way homes on the coast are designed. To offer protection against windborne debris, Simonton StormBreaker Plus® windows and doors feature impact-resistant laminated glass with a durable interlayer. Eliminating the need for shutters, storm panels or plywood, the impact-resistant glass will remain intact, even when struck with substantial force. For increased durability, StormBreaker Plus® windows and doors feature reinforced vinyl profiles, along with a multitude of styles and options that make them stylish as well as strong.



Combining superior design with advanced features, Simonton ProFinish® windows and doors have set the standard for new construction. Premium vinyl construction creates an energy-efficient product with long-lasting beauty and strength. And with optional ProSolar™ soft coat Low E glass, thermal performance is maximized. Built to provide performance and durability, ProFinish® windows and doors also include features to ensure trouble-free, accurate installation.



With a classic, streamlined appearance, Simonton replacement windows and doors are a perfect fit for your renovation projects. Each series offers a wide breadth of styles and options to complement any design. Advanced components and energy-efficient features meet code requirements across the country. Specify these strong, energy-efficient units to ensure your projects will stay as beautiful tomorrow as they are today.





EDUCATION Simonton Windows® is dedicated to helping architects with continuing education requirements.

Through a series of AIA-approved box lunch and plant tour programs, Simonton allows architects and designers to gain first-hand knowledge of how our windows are manufactured and installed, and outlines the many creative design options.



7-DAY DELIVERY Standard orders are delivered within seven business days from date ordered through a Simonton distributor. Specialty orders may require additional lead time.









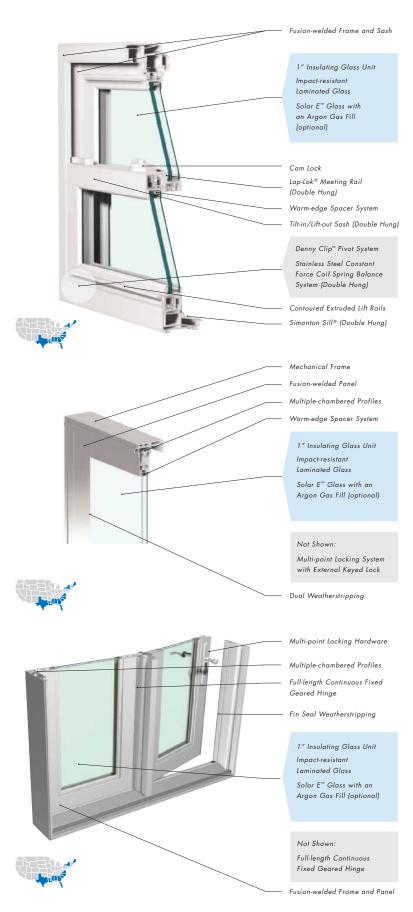
As an ENERGY STAR® partner, every viryl Simonton product either qualifies or can be ordered to meet ENERGY STAR guidelines in all areas of the country.

And when you specify ENERGY STAR products, your designs will meet the strict energy-efficiency guidelines set forth by the U.S. Environmental Protection Agency and the U.S. Department of Energy—which greatly helps the environment by conserving energy.



All Simonton vinyl windows and doors are backed by a comprehensive limited warranty covering vinyl, hardware, screens and insulating glass units.

For tested and proven strength, specify Simonton StormBreaker Plus® windows and doors. Meeting strict building requirements, StormBreaker Plus® products provide constant "built in" protection against UV rays, flying debris and hurricane-force winds.



SIMONTON STORMBREAKER PLUS® 300VL WINDOWS

- Tested and certified for impact performance* for FBC, including Dade County certification.
- Impact-resistant laminated glass eliminates the need for shutters, storm panels or plywood in a high-wind event.
- Laminated glass also inhibits sound transmission, reduces harmful UV rays and provides increased protection against forced entry.
- Choose Solar E[™] Glass coupled with an Argon gas fill for optimum energy efficiency. (optional)
- Fusion-welded frame and sash increase durability.
- Reinforced profiles for ultimate strength and protection.
- Warm-edge spacer system provides improved conduction and condensation rates.
- An excellent insulator, maintenance-free vinyl never needs painting and will never rot, crack or peel.

SIMONTON STORMBREAKER PLUS® 300VL PATIO DOOR

- Certified to meet ASTM, AAMA, FBC and TDI standards for impact performance*
- Impact-resistant laminated glass eliminates the need for shutters, storm panels and plywood in a high-wind event.
- Mechanical frame with a fusion-welded panel increases strength and weather resistance.
- Multiple-chambered vinyl profile is reinforced to help maintain integrity in strong winds.
- 1" insulating glass unit increases thermal performance.
- Warm-edge spacer system enhances conduction and condensation rates.
- Sloped threshold virtually eliminates water and dirt accumulation in the sill during heavy rains.
- Multi-point locking hardware creates a tight seal around all points of the door.
- Dual weatherstripping inhibits water and air penetration.
- Choose Solar E[™] Glass coupled with an Argon gas fill for optimum energy efficiency. (optional)

SIMONTON STORMBREAKER PLUS® 300VL GARDEN DOOR

- Certified to meet ASTM, AAMA, FBC and TDI standards for impact performance.*
- Panel is fusion-welded for increased strength and better resistance to air and water infiltration.
- Impact-resistant laminated glass eliminates the need for shutters, storm panels and plywood in a high-wind event.
- A 1" insulating glass unit with a warm-edge spacer maximizes efficiency.
- Multiple-chambered vinyl profile is reinforced to help maintain integrity in strong winds.
- Multi-point locking system, center deadbolt and keyed lock enhance security and weather resistance.
- A full length continuous fixed geared hinge ensures the panel will not sag.
- Center hinge, out-swing styles available.
- A solid brass handle offers an upscale look.
- Choose Solar E[™] Glass coupled with an Argon gas fill for optimum energy efficiency. (optional)
- * American Society for Testing and Materials (ASTM) E1886 & E1996 American Architectural Manufactures Association (AAMA) – 101 & 506 Texas Department of Insurance (TDI) – TDI 1-98 Florida Building Commission (FBC)



THERMAL PERFORMA	NCE STO	DRMBREAKE	R PLUS® 3	100VL							
Type ¹	U-Factor⁴		R-Value		Visible Transmitte	nnce⁵	Solar Hed Coefficie		UV Blocké	Inside Glass Surface Temp.(°F)	Relative Humidity Cond. Point ⁷
	Total Unit	Center of Glass ^{2,3}	Total Unit	Center of Glass ^{2,3}	Total Unit	Center of Glass ³	Total Unit	Center of Glass ³	Center of Glass ^{2,3}	Center of Glass ^{2,3}	Center of Glass ^{2,3}
Double Hung	0.33	0.28	3.03	3.57	0.36	0.53	0.33	0.46	0.99	55.3	59.5%
Patio Door	0.33	0.28	3.03	3.57	0.37	0.53	0.33	0.46	0.99	55.3	59.5%
Garden Door	0.31	0.28	3.23	3.57	0.35	0.53	0.29	0.43	0.99	55.2	59.4%

Data pertains to units with no grids. For comprehensive information on rough opening sizes, egress, testing and specifications, visit www.simonton.com.

- 1) All units tested with 1" Solar E/Argon-filled Insulating Glass Unit with a form spacer system.
 2) Center of glass information based on double-strength, dual-pane glass.
 3) All center of glass calculations done using Lawrence Berkeley National Laboratory's Window 4.1 thermal analysis program and NFRC approved spectral data and environmental conditions.

- 4) All total unit U-factors tested in accordance to NFRC 100.
 5) All total unit Visible Transmittance and Solar Heat Gain Coefficient tested in accordance to NFRC 200.
 6) UV Block based on UV transmissions from 300 to 380 nm.
 7) The relative humidity percentage measurement applies only to the center of glass. Condensation will form more quickly at the edge of the glass.

STRUCTURAL PERFORMANCE AND	CODE CER	TIFICATIO	NS STORMBR	EAKER PLUS® 30	OVL			
Window Style	Frame Type	Test Size	Design Pressure	Missile Impact Test	FBC Certification	HVHZ	Dade NOA	TDI Certication
Double Hung	Box	53 x 71	+52.8/-52.8	Missile D	5165	yes	07-0309.07	na
Double Hung	Fin & J	37 x 76	+65/-65	Missile D	5419.R3			
Double Hung	Вох	52 x 71	+50/-54	Missile D				WIN271
Picture Window	Вох	96 x 48	+65/-65	Missile D	5246	yes	06-0914.03	
Picture Window	Fin & J	74 x 63	+50/-50	Missile D	228-R4			
Picture Window	Вох	72 x 60	+50/-50	Missile D				WIN525
Casement	Box	36 x 50	+50/-50	Missile D	5243	yes	03-0915.01	
Casement	Fin & J	74 x 63	+50/-50	Missile D	228-R4			
Casement	Вох	60 x 65	+50/-50	Missile D				WIN525
Horizontal Roller	Вох	73 x 54	+50/-50	Missile D	10540	yes	na	
Horizontal Roller	Fin & J	73 x 62	+50/-50	Missile D	10160			
Horizontal Roller	Box	73 x 62	+50/-50	Missile D				pending
Garden Door	na	72 x 80	+50/-50	Missile D	229-R2			
Garden Door	na	72 x 80	+50/-50	Missile D				DR147
2-lite Sliding Patio Door	na	72 x 96	+50/-50	Missile D	5979-R1			
2-lite Sliding Patio Door	na	96 x 96	+50/-50	Missile D	5979-R1			
3-lite Sliding Patio Door	na	108 x 96	+50/-50	Missile D	5979-R1			
3-lite Sliding Patio Door	na	144 x 96	+50/-50	Missile D	5979-R1			
2-lite Sliding Patio Door	na	72 x 96	+50/-50	Missile D				DR216
2-lite Sliding Patio Door	na	96 x 96	+50/-50	Missile D				DR216
3-lite Sliding Patio Door	na	108 x 96	+50/-50	Missile D				DR216
3-lite Sliding Patio Door	na	144 x 96	+50/-50	Missile D				DR216

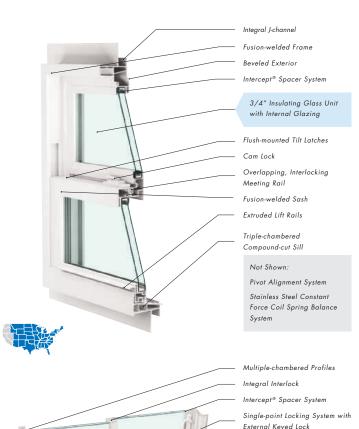
Special manufacturing requirements may be necessary to meet the design pressure listed. For comprehensive information on rough opening sizes, egress, testing and specifications, visit www.simonton.com.

- All units tested in accordance with AAMA/NYWYLA 1017.0.5.77, unto income a version too, in a second of the second





The right choice for new construction. Designed for new construction projects, the Simonton ProFinish® line of windows and doors offers exceptional construction and energy efficient features. Multiple design options make installation easy and help your project stay on schedule.





- Integral nailing fin and J-channel for quicker installation.
- Welded frame and sash for increased strength.
- Extruded vinyl resists fading, chipping and will not deteriorate over time.
- The color is molded clear through the vinyl.
- Meets ENERGY STAR guidelines in all areas of the country when ordered with ProSolar™ Low E soft coat glass and an Argon gas fill.
- A 3/4" insulating glass unit and Intercept® spacer system provide increased energy efficiency.
- All styles meet new construction specifications.



SIMONTON PROFINISH® BRICKMOULD SERIES WINDOWS

Specifically designed for brick applications, the ProFinish® Brickmould series features an integral brickmould design that meets architectural specifications, has an attractive multi-tiered profile and aids in installation



WOOD AND QUICK TRIM® JAMB EXTENDERS

Preassembled, ready-to-install wood or Quick Trim® jamb extenders are available to make window and door installation even easier. Field-ready, the wood bucks are available in finger-jointed primed, clear pine and oak, while Quick Trim® jamb extenders, made of cellular PVC, are available in Clearwood, white, tan or driftwood. Choose from 6-9/16" for 2 x 6 construction applications or 4-9/16" for standard 2 x 4 construction applications

SIMONTON PROFINISH® NEW CONSTRUCTION PATIO DOORS

- Corrosion-resistant rollers for smooth operation.
- Attractive angled exterior.
- Integral, pre-punched nailing fin provides easy installation.
- Sloped sill design directs water away from home.
- Dual weatherstripping around perimeter of door panel protects against air and water infiltration.
- 3/4" tempered glass and Intercept® spacer system provide increased thermal performance.
- Single-point locking system securely locks door panels.
- Exterior keyed lock.
- Adjustable screen rollers for smooth operation of screen.

	External Keyed Lock Dual Weatherstripping
	3/4" Insulating Glass Unit with Internal Glazing Double-strength Tempered Glass
	Corrosion-resistant Sill Track and Rollers Fusion-welded Frame and Pan
•	

THERMAL PERFORMANCE PROFINISH® CONTRACTOR Туре U-Factor⁴ R-Value Visible Solar Heat Gain UV Block⁶ Inside Glass Surface Temp. (°F) Transmittance Humidity Coefficient Cond. Point Center of Center of Glass^{2,3} Total Center of Center of Center of Center of Center of Unit Glass 2,3 Unit Glass 2,3 Unit Glass3 Unit Glass³ Glass 2,3 Glass 2,3 Single Hung 0.33 0.26 3.03 3.85 0.55 0.71 0.31 0.39 0.85 55.1 62.2% Patio Door 0.28 0.26 3.57 3.85 0.71 0.30 0.39 0.85 55.1 62.2%

Data pertains to units with no grids. For comprehensive information on rough opening sizes, egress, testing and specifications, visit www.simonton.com

- 1) All units tested with ¾" Low E/Argon-filled Insulating Glass Unit with a U-channel spacer syste 2) Center of glass information based on double-strength, dual-pane glass.
- 3) All center of glass calculations done using Lawrence Berkeley National Laboratory's Window 4.1
- thermal analysis program and NFRC approved spectral data and environmental conditions
- All total unit U-Factors tested in accordance to NFRC 100.
 All total unit Visible Transmittance and Solar Heat Gain Coefficient tested in accordance to NFRC 200
 UV Block based on UV transmissions from 300 to 380 nm.
- 7.7 The relative humidity percentage measurement applies only to the center of glass. Condensation will form more quickly at the edge of the glass.

AIR, WATER AN	ND STRUCTURA	L PERFORMANCE	PROFINISH® CONTR	ACTOR			
Туре	Size ¹	Air Infiltration ²	Water Penetration ³	Water	Uniform Load⁴	Structural	Overall Rating
Single Hung	36 x 62	0.12 scfm/ft ²	6.75 psf	R45	± 67.5 psf	R45	H-R45
Patio Door	71.25 x 80	0.19 scfm/ft ²	6.25 psf	R35	± 52.5 psf	R35	SGD-R35

All units tested in accordance with AAMA/NWWDA 101/LS.2-97, and include a welded corner test, for which all units either met or exceeded the standards, and a deglazing test, for which all units either met or exceeded the standards.

1) Sizes are certified up to and including the sizes listed

1) Sizes are certified up to and including me sizes tised.

2) Air infiltration is based upon statis pressure of 1.57 psf (25 mph), Air infiltration shall not exceed 0.3 standard cubic feet per minute (scfm) per square foot.

3) The minimum water resistance is 2.86 psf for an entry level R15 water rating, 3.75 psf for an entry level LC25 water rating, and 4.50 psf for an entry level C30 water rating.

4) The minimum structural test pressure is 22.5 psf for an entry level R15 structural rating, 37.5 psf for an entry level LC25 structural rating, and 45.0 psf for an entry level C30 structural rating.

Special manufacturing requirements may be necessary to meet the design pressure listed. For comprehensive information on rough opening sizes, egress, testing and specifications, visit www.simonton.com.

External Keyed Lock

Glass

and Rollers

1" Insulatina Glass Unit

Double-strength Tempered

Fin Seal Weatherstripping

Fusion-welded Frame and Panel

Corrosion-resistant Sill Track







SIMONTON 5500 REPLACEMENT WINDOWS

- Fusion-welded frame and sash ensure airtight construction.
- On Double Hung windows, the patented Lap-Lok® meeting rail overlaps and interlocks both sash to protect against air infiltration.
- The stainless steel constant force 3/4" coil spring balance system makes the sash on Double Hung windows raise and lower easily and is guaranteed to never need
- The unique Denny Clip™ pivot system locks securely into the base of the coil spring balance-keeping the sash in perfect alignment.
- The triple-stepped Simonton Sill® is angled in a downward direction to force water away from the window.
- Integral screen tracks are molded into the frame of the window to provide a smooth appearance.
- Flush-mount tilt latches are easily accessible and provide a smooth interior
- Standard on 5500 windows, ProSolar™ soft coat Low E glass with an Argon gas fill increases thermal efficiency and greatly reduces ultraviolet infiltration.

SIMONTON 5500 REPLACEMENT PATIO DOORS

- Fusion-welded panels increase strength and weather resistance.
- Integral interlock reduces air and water infiltration at the meeting stile.
- Fin seal weatherstripping along the panels and frame create multiple barriers against air infiltration.
- Double-strength tempered glass for increased safety.
- Intercept® spacer system and 1" insulating glass unit translate into increased thermal
- Adjustable, corrosion-resistant rollers and stainless steel cap allow panels to open and close smoothly and effortlessly for the lifetime of the door.
- · Equal glass sight lines create a clean, uniform look.
- Sculpted panels provide a smooth, streamlined interior.
- External keyed lock permits the door to be locked and unlocked from the outside.
- Adjustable screen rollers allow screen to open and close easily.

											urface Humidity mp. (°F) Cond. Point ⁷ enter of Center of Glass ^{2,3}
THERMAL PER	FORMAN	NCE SIMO	NTON 5	500 REPLAC	CEMENT						
Туре 1	U-Factor	4	R-Value		Visible Transmit	tance ^s	Solar He Coeffici	eat Gain ent ⁵	UV Blocké	Inside Glass Surface Temp. (°F)	Humidity
	Total Unit	Center of Glass ^{2,3}	Total Unit	Center of Glass ^{2,3}	Total Unit	Center of Glass ³	Total Unit	Center of Glass ³	Center of Glass ^{2,3}	Center of Glass ^{2,3}	Center of Glass ^{2,3}
Double Hung	0.33	0.26	3.03	3.85	0.48	0.71	0.29	0.39	0.85	55.1	62.2%
Patia Daar	0.22	0.26	2 02	2 05	0.47	0.71	0.26	0.20	0.05	55.1	42 20/

Data pertains to units with no grids. For comprehensive information on rough opening sizes, egress, testing and specifications, visit www.simonton.com.

- 1) Window unit tested with $\,\%''$ Low E/Argon-filled Insulating Glass Unit with a U-channel spacer system. Door unit tested with 1" Low E/Argon-filled Insulating Glass Unit with a U-channel spacer system
- 2) Center of glass information based on double-strength, dual-pane glass.
 3) All center of glass calculations done using Lawrence Berkeley National Laboratory's Window 4.1 thermal analysis program and NFRC approved spectral data and environmental conditions.
- 4) All total unit U-Factors tested in accordance to NFRC 100
- 5) All total unit Visible Transmittance and Solar Heat Gain Coefficient tested in accordance to NFRC 200
- 6) UV Block based on UV transmissions from 300 to 380 nm
- 7) The relative humidity percentage measurement applies only to the ce edge of the glass.

AIR, WATER AI	ND STRUCTURAL F	PERFORMANCE S	SIMONTON 5500 REP	LACEMENT			
Туре	Size ¹	Air Infiltration ²	Water Penetration ³	Water	Uniform Load⁴	Structural	Overall Rating
Double Hung	36 x 60	0.17 scfm/ft ²	8.25 psf	R55	± 75.0 psf	R50	H-R50
Patio Door	71.25 x 79.25	0.11 scfm/ft ²	7.50 psf	R50	± 75.0 psf	R50	SGD-R50

All units tested in accordance with AAMA/NWWDA 101/LS.2-97, and include a welded corner test, for which all units either met or exceeded the standards, and a deglazing test, for which all units either met or exceeded the

1) Sizes are certified up to and including the sizes listed

1) Sizes are certified up to and including the sizes listed.

2) Air infiltration is based upon statis pressure of 1.57 psf [25 mph]. Air infiltration shall not exceed 0.3 standard cubic feet per minute (scfm) per square foot.

3) The minimum water resistance is 2.86 psf for an entry level R15 water rating, 3.75 psf for an entry level LC25 water rating, and 4.50 psf for an entry level C30 water rating.

4) The minimum structural test pressure is 22.5 psf for an entry level R15 structural rating, 37.5 psf for an entry level LC25 structural rating, and 45.0 psf for an entry level C30 structural rating.

requirements may be necessary to meet the design pressure listed. For comprehensive information on rough opening sizes, egress, testing and specifications,

visit www.simonton.com.

	DOOR FEATURE	S					
	Simonton StormBreaker Plus® Vinyl Windows and Doors	Simonton ProFinish® New Construction Windows and Doors*	Simonton 5500 Retrofit Windows and Doors		Simonton StormBreaker Plus® Vinyl Windows and Doors	Simonton ProFinish® New Construction Windows and Doors*	
COLOR				GLASS			
White	•	•	•	ProSolar™ Soft Coat Low E Glass		optional	
Tan	optional	optional	optional	Double-strength Glass	•	optional	
Driftwood		optional	optional	Argon Gas Filled I.G. Unit		optional	Ī
White on Driftwood			optional	Grey Tint		optional	1
Honey Oak			optional	Bronze Tint		optional	Ī
Amber Oak			optional	Obscure		optional	1
STYLE				Tempered	•	optional	
Single Hung		•		Tempered Obscure	optional		
Double Hung	•	•	•	Tempered Solar E™	optional		T
2-lite Slider		•	•	Tempered Graylite®	optional		1
3-lite Slider		•	•	The Simonton Solar System™ (Krypton Gas,			1
Picture	•	•	•	ProSolar™ Soft Coat Low E Glass, 3/4" Glass			
Casement	•	•	•	Penetration, 1" Super Spacer®) Laminated Glass	•		_
Awning	•	•	•	INSULATING GLASS UNIT	•		
Hopper			•	3/4" Insulating Glass Unit			
Colonial Casement		•	•	1" Insulating Glass Unit	•	•	+
Вау			•	HARDWARE			
Bow			•	White	•	•	
Geometrics	•	•	•	Tan	optional	optional	
Garden Window			•	Driftwood	орнона	optional	+
Patio Door	•	•	•	Sandstone		орнона	
Garden Door	•		•	Brass	optional	optional	
GRID STYLE				PATIO DOOR HARDWARE			
White Flat	optional	optional	optional	Antique Brass			
Tan Flat	optional	optional	optional	Brushed Chrome			1
Driftwood Flat		optional	optional	Mineral Bronze			
White Sculptured	optional	optional	optional	Oil-rubbed Bronze			
Tan Sculptured	optional	optional	optional	Polished Brass			
Driftwood Sculptured		optional	optional	INSTALLATION			
Sculptured Brass	optional	optional	optional	Integral J-channel	optional	•	
GRID PATTERN				Integral Nailing Fin	optional	•	
Colonial	optional	optional	optional	Traditional Jamb	•	optional	
Diamond	optional	optional	optional	*Features and options for ProFinish® Contract			









(interior only white exterior)



(white on driftwood available)

Amber Oak (interior only white exterior)

Contact the Simonton Windows® Consumer Service Center, Mon.-Fri., 8AM-5:30 PM EST/EDT 1-800-SIMONTON

optional

optional

optional

optional

optional

optional



Perimeter

Double Perimeter



CORPORATE HEADQUARTERS • 5300 BRISCOE ROAD • PARKERSBURG, WV 26102 • 1-800-SIMONTON • WWW.SIMONTON.COM