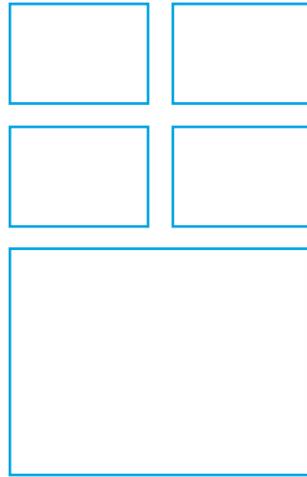




VINYL PRODUCTS



A WHOLE NEW POINT OF VIEW.

It's more than a window. It's a whole new point of view. At Ply Gem Windows, we have a different view for the way the window business should be run. We believe you should have access to all of the top quality styles and brands across the country. That's why we've taken our entire portfolio of brands, brands that you know and trust, and given them one name – Ply Gem Windows. With this one name comes a lot of big advantages, starting with a national manufacturing and distribution network. Pair that with our commitment to customer service, sustainable practices and wide variety of window styles that fit all of your design needs, and you'll get the right window for every project and every budget.

And, because we're part of the Ply Gem family, you know you'll always have access to leading brands. Windows, doors, siding and accessories, stone veneer, fence and rail, rainware, shutters and designer accents, we have something for every project. We work with residential builders, remodelers, architects, distributors and dealers to help build sales. When you combine over 50 years of experience, industry-leading customer service, and trusted local relationships you've got a company you can count on. **Ply Gem. Building products.**

Building success.





BUILDER SERIES

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More value. More performance. More solutions.

If you're looking for a window that delivers the best possible performance at the best possible value, look no further than Ply Gem Windows Builder Series. It's energy-efficient, virtually maintenance-free and can withstand the toughest tests, including the test of time. Combine that quality with our commitment to customer service and you've got a company that knows how to deliver exactly what you want.



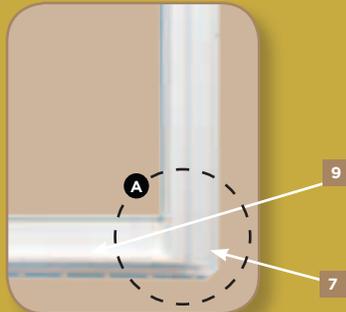
A WHOLE NEW POINT OF VIEW.



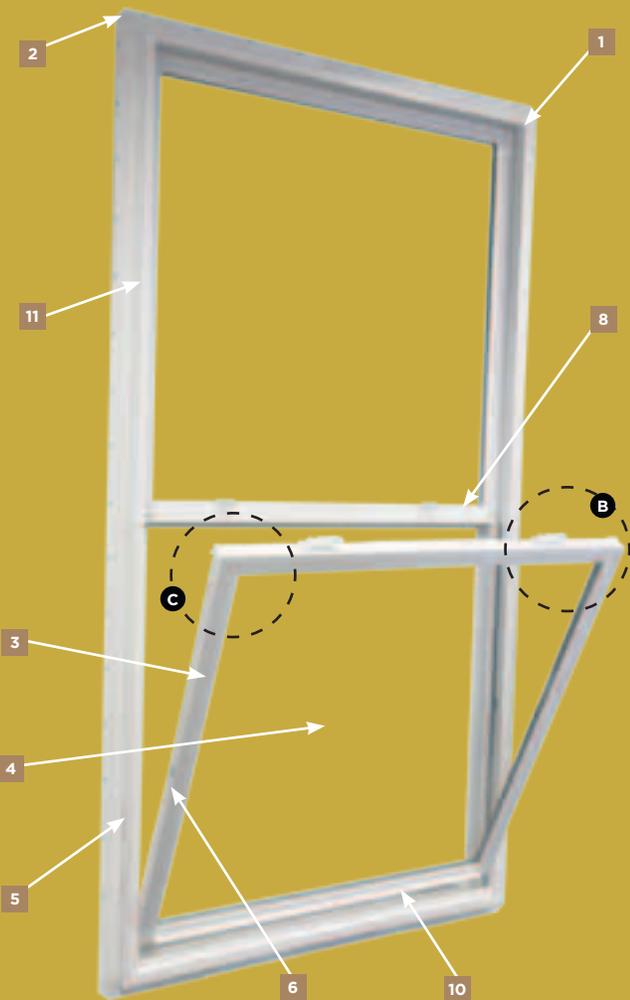
1000 SINGLE HUNG

BUILDER SERIES 1000 SINGLE HUNG vinyl windows are available in singles, twins, triples, combinations, fixed and a wide selection of architectural shapes.

1000 SINGLE HUNG



EXTERIOR DETAIL



FEATURES

- Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on sash and frame
- Pre-punched nail fin for accurate installation
- Bottom sash tilts in and removes for safe and easy cleaning of exterior glass
- Energy-efficient Warm Edge insulating glass
- 2⁷/₈" frame depth, ideal for new construction applications
- Specially designed weather seals on sash and frame for enhanced energy-efficiency and exceptional weather-tight performance
- Integral siding pocket allows for cleaner siding installations
- Drywall accessible on call size heights of 4-4 and taller
- Removable sill insert allows for easy replacement if damaged without replacing frame
- Integral lift handles makes opening windows easier
- Interior accessory groove



1000 single hung vinyl windows come with our standard simple tilting sash system allowing homeowners to tilt in bottom sash for safe cleaning of exterior glass. Integral mull (continuous head and sill) options available.



PLY GEM BUILDER SERIES 1000 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 1000 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.



A Integral siding pocket allows for cleaner siding installations



B Cam lock design provides security and enhanced performance



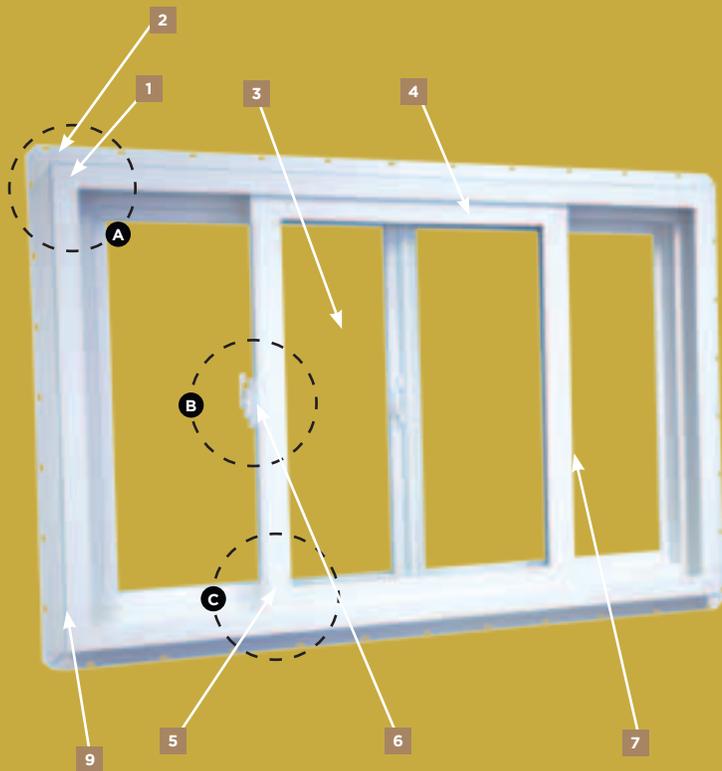
C Weather seals on sash and frame for enhanced energy-efficiency and exceptional weather-tight performance

1. Optional Low-E upgrade for better performance. 2. Optional Low-E^{Sc} (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HP^{Sc} Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.



1000 SLIDING WINDOW

BUILDER SERIES 1000 VINYL SLIDING WINDOWS are available in two panel right or left operating configurations.



FEATURES

- 1 Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on sash and frame
- 2 Pre-punched nail fin for accurate installation
- 3 Energy-efficient Warm Edge insulating glass
- 4 Convenient lift-out sash for easy cleaning
- 5 Easy-gliding sash with maintenance-free nylon pad slider
- 6 Cam lock design provides security and enhanced performance
- 7 Double-opposed weatherstrip on sash ensures smooth operation, increased weatherability
- 8 Interior accessory groove



1000 vinyl sliding windows feature convenient lift-out sash for easy cleaning. Factory applied jamb extensions available in $4\frac{9}{16}$ " and $6\frac{9}{16}$ " widths.



PLY GEM BUILDER SERIES 1000 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

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A



Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on sash, frame and pre-punched nail fin

B



Cam lock design provides security and enhanced performance

C



Easy-gliding sash with push rail for ease of operation

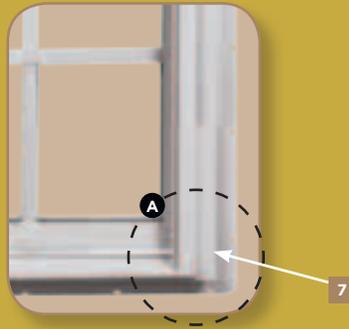
1. Optional Low-E upgrade for better performance. 2. Optional Low-ESC (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HPSC Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.



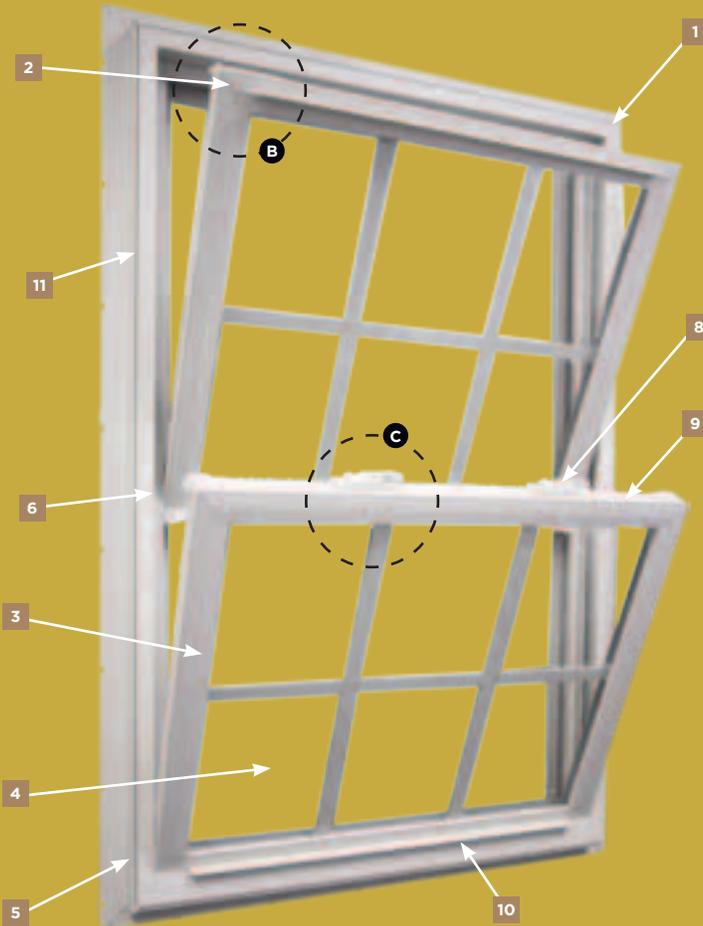
1000 DOUBLE HUNG

BUILDER SERIES 1000 DOUBLE HUNG vinyl windows are available in singles, fixed and a wide selection of architectural shapes.

1000 DOUBLE HUNG



EXTERIOR DETAIL



FEATURES

- 1 Maintenance-free multi-chamber PVC construction
- 2 Fully fusion-welded sash and frame for superior structural strength
- 3 Both sash tilt in and remove for safe and easy cleaning of exterior glass
- 4 Energy-efficient Warm Edge insulating glass
- 5 2⁷/₈" frame depth, ideal for new construction applications
- 6 T-bar assembly in upper sash helps ensure a square installation and enhances energy-efficiency
- 7 Integral ¹/₁₆" siding pocket which saves time and expense on siding installations
- 8 Integral interlock system provides protection against air infiltration and makes window more secure
- 9 Double weatherstripped sash provides extra protection against dust, dirt, and noise
- 10 Integral lift handles makes opening windows easier
- 11 Interior accessory groove



1000 double hung vinyl windows come with our standard simple tilting sash system allowing homeowners to tilt in both sash for safe cleaning of exterior glass.



PLY GEM BUILDER SERIES 1000 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 1000 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.



A Integral ¹/₁₆" siding pocket which saves time and expense on siding installations



B Fully fusion-welded sash and frame for superior structural strength



C Integral interlock system provides protection against air infiltration and makes window more secure

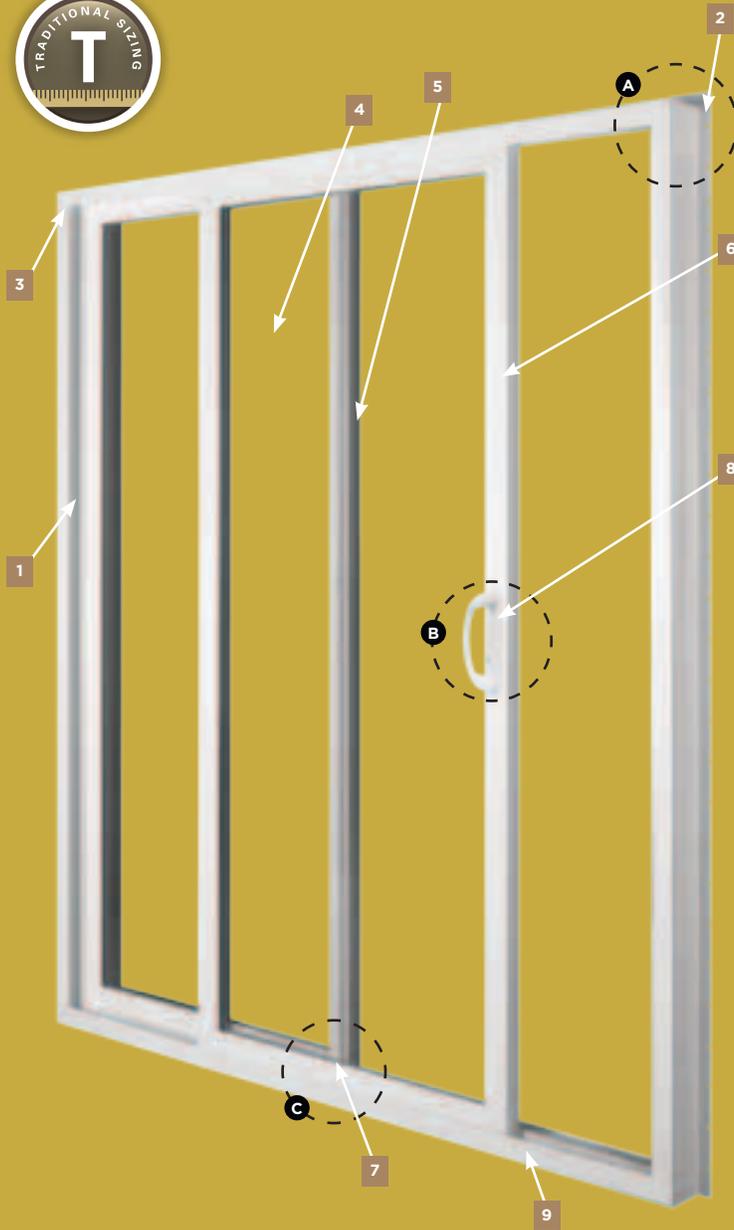
1. Optional Low-E upgrade for better performance. 2. Optional Low-E^{SC} (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HP^{SC} Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.



1000 SLIDING PATIO DOOR

BUILDER SERIES 1000 SLIDING VINYL PATIO DOORS are available with matching fixed panels, side lites, transoms and segmented transoms.

1000 SLIDING PATIO DOOR



FEATURES

- 1 Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on panel and frame
- 2 Pre-punched nailing fin with fusion-welded corners
- 3 Interior and exterior accessory groove for drywall return, extension jamb and exterior brick mould application
- 4 Energy-efficient Warm Edge insulating tempered glass
- 5 Self-centering interlock satisfies forced entry requirements
- 6 Field reversible panels for simple on-site conversions (8-0 height is not reversible)
- 7 Simple roller adjustment access through end of panel
- 8 Color-coordinated powder coated handle provides aesthetically pleasing, comfortable performance
- 9 Aluminum threshold and sill track



1000 vinyl sliding patio doors feature a unique design that allows for simple field reversibility before or after installation. They are constructed with full-perimeter weatherstripping for a tight seal. Exterior handles are available with or without keyed lock. Optional ADA compliance kit with handle and ramps available.



PLY GEM BUILDER SERIES 1000 DOORS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 1000 doors comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.



A Interior and exterior accessory groove for drywall return, extension jamb and exterior brick mould application



B Color-coordinated powder coated handle provides aesthetically pleasing, comfortable performance



C Simple roller adjustment access through end of panel ensures smooth operation

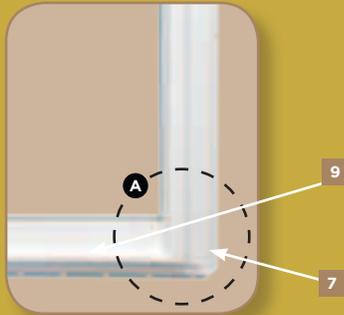
1. Optional Low-E upgrade for better performance. 2. Optional Low-ESC (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HPSC Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance. 6. Americans with Disabilities Act (ADA) compliance accessibility upgrade package available.



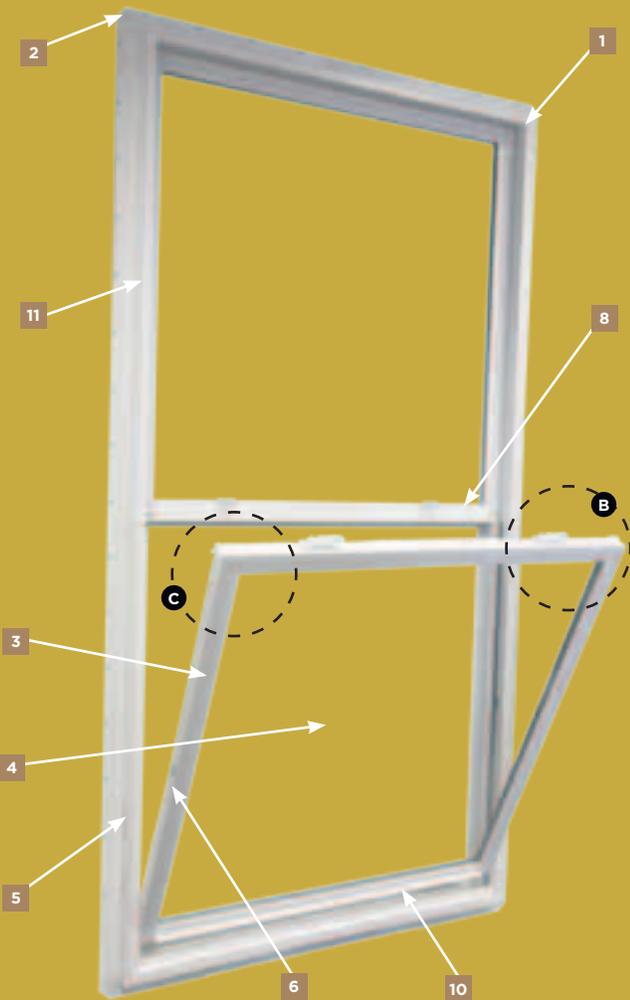
1700 SINGLE HUNG

BUILDER SERIES 1700 SINGLE HUNG vinyl windows are available in singles, twins, triples, combinations, fixed and a wide selection of architectural shapes.

1700 SINGLE HUNG



EXTERIOR DETAIL



FEATURES

- Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on sash and frame
- Pre-punched nail fin for accurate installation
- Bottom sash tilts in and removes for safe and easy cleaning of exterior glass
- Energy-efficient Warm Edge insulating glass
- 27/8" frame depth, ideal for new construction applications
- Specially designed weather seals on sash and frame for enhanced energy-efficiency and exceptional weather-tight performance
- Integral siding pocket allows for cleaner siding installations
- Drywall accessible on call size heights of 4-4 and taller
- Removable sill insert allows for easy replacement if damaged without replacing frame
- Integral lift handles makes opening windows easier
- Interior accessory groove



1700 single hung vinyl windows come with our standard simple tilting sash system allowing homeowners to tilt in bottom sash for safe cleaning of exterior glass. Integral mull (continuous head and sill) options available.



PLY GEM BUILDER SERIES 1700 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

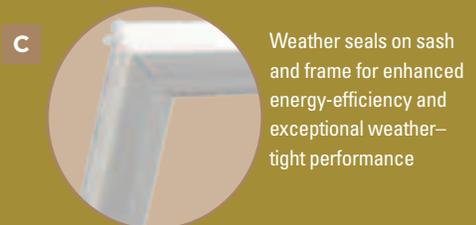
This means you can be assured that Ply Gem Builder Series 1700 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.



Integral siding pocket allows for cleaner siding installations



Cam lock design provides security and enhanced performance



Weather seals on sash and frame for enhanced energy-efficiency and exceptional weather-tight performance

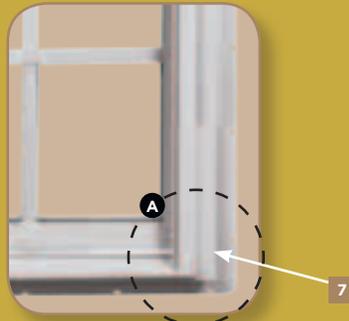
1. Optional Low-E upgrade for better performance. 2. Optional Low-ESC (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HPSC Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.



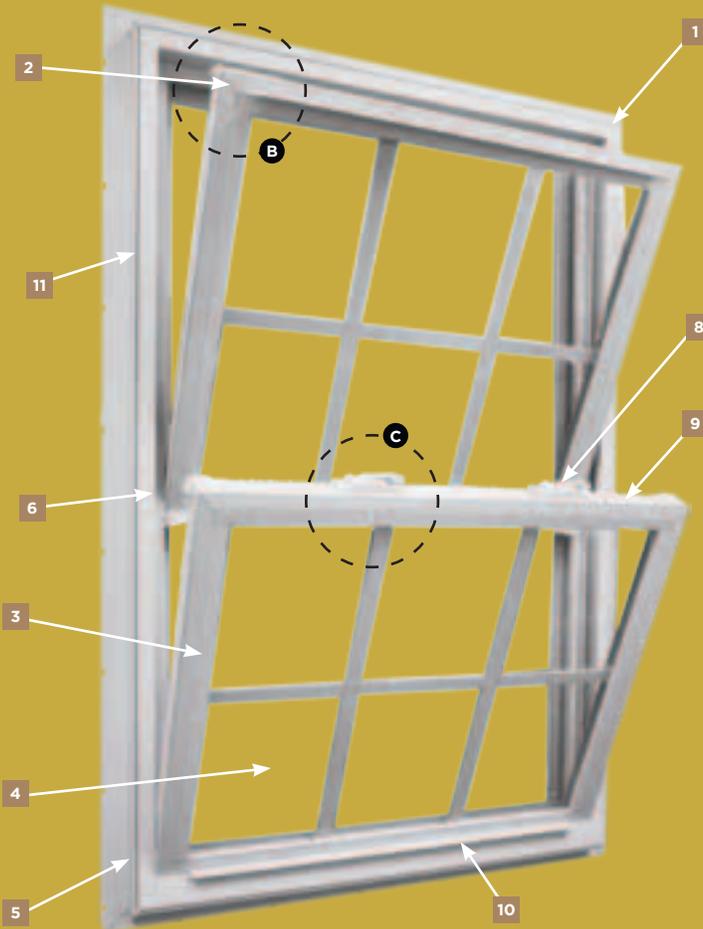
2200 DOUBLE HUNG

BUILDER SERIES 2200 DOUBLE HUNG vinyl windows are available in singles, fixed and a wide selection of architectural shapes.

2200 DOUBLE HUNG



EXTERIOR DETAIL



FEATURES

- 1 Maintenance-free multi-chamber PVC construction
- 2 Fully fusion-welded sash and frame for superior structural strength
- 3 Both sash tilt in and remove for safe and easy cleaning of exterior glass
- 4 Energy-efficient Warm Edge insulating glass
- 5 2⁷/₈" frame depth, ideal for new construction applications
- 6 T-bar assembly in upper sash helps ensure a square installation and enhances energy-efficiency
- 7 Integral ¹¹/₁₆" siding pocket which saves time and expense on siding installations
- 8 Integral interlock system provides protection against air infiltration and makes window more secure
- 9 Double weatherstripped sash provides extra protection against dust, dirt, and noise
- 10 Integral lift handles makes opening windows easier
- 11 Interior accessory groove



2200 double hung vinyl windows come with our standard simple tilting sash system allowing homeowners to tilt in both sash for safe cleaning of exterior glass.



PLY GEM BUILDER SERIES 2200 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

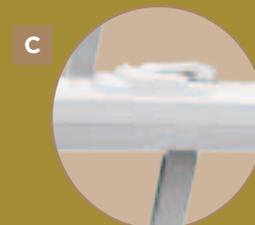
This means you can be assured that Ply Gem Builder Series 2200 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.



A Integral ¹¹/₁₆" siding pocket which saves time and expense on siding installations



B Fully fusion-welded sash and frame for superior structural strength



C Integral interlock system provides protection against air infiltration and makes window more secure

1. Optional Low-E upgrade for better performance. 2. Optional Low-ES^C (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HP^{SC} Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.



5000 CASEMENT & AWNING

BUILDER SERIES 5000 CASEMENT & AWNING vinyl windows are available in singles, twins, triples, quads, fixed and a wide selection of architectural shapes.

5000 CASEMENT & AWNING



FEATURES

- Maintenance-free multi-chamber PVC construction with fully welded corners on sash and frame
- Fully fusion-welded sash and frame for superior structural strength
- Pre-punched integral nailing fin for simple installation
- Interior accessory groove
- Energy-efficient Warm Edge insulating glass
- Casements are available right or left hand operating
- Single handle multi-point locking system
- Ellipse operator with stainless steel hinge track and adjustable hinges
- Casement sash opens 90° for ventilation and easy cleaning

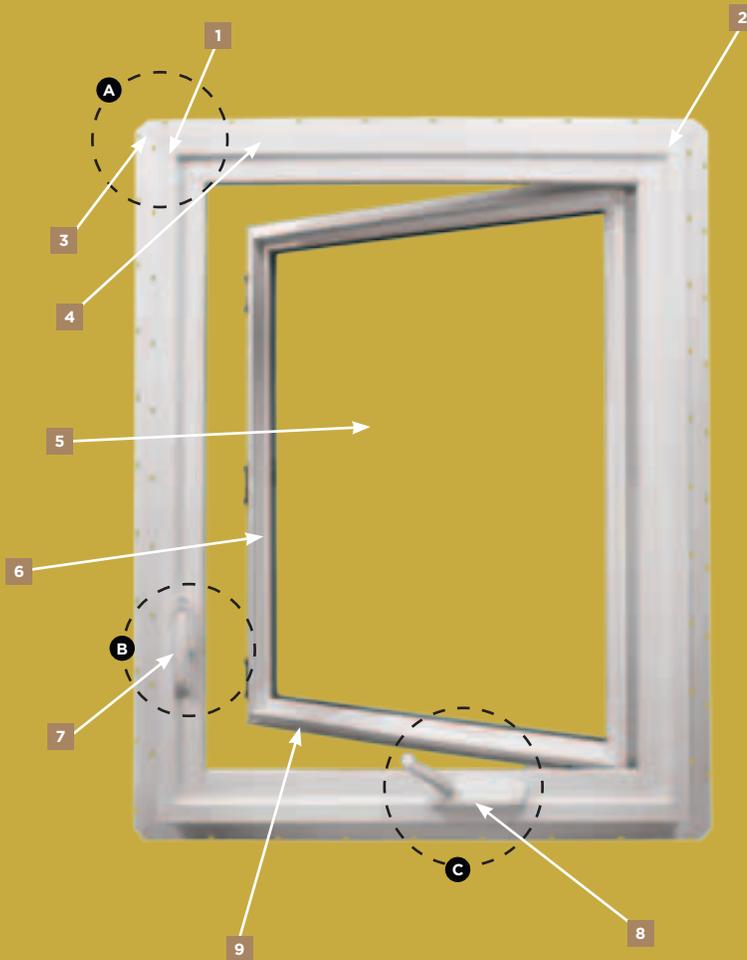


5000 casement & awning windows feature a sash system allowing homeowners to open sash 90° for safe cleaning of exterior glass. Casement & awning units both feature a weather-resistant stainless steel hinge track with adjustable hinge that ensures consistent and precise operation.



PLY GEM BUILDER SERIES 5000 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 5000 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.



A Maintenance-free multi-chamber PVC construction with fully welded corners for durability, weather-tight performance and beauty



B Single handle multi-point locking system so you can easily secure your windows in one operation



C Split-arm gear operator to ensure smooth operation when opening and closing your windows

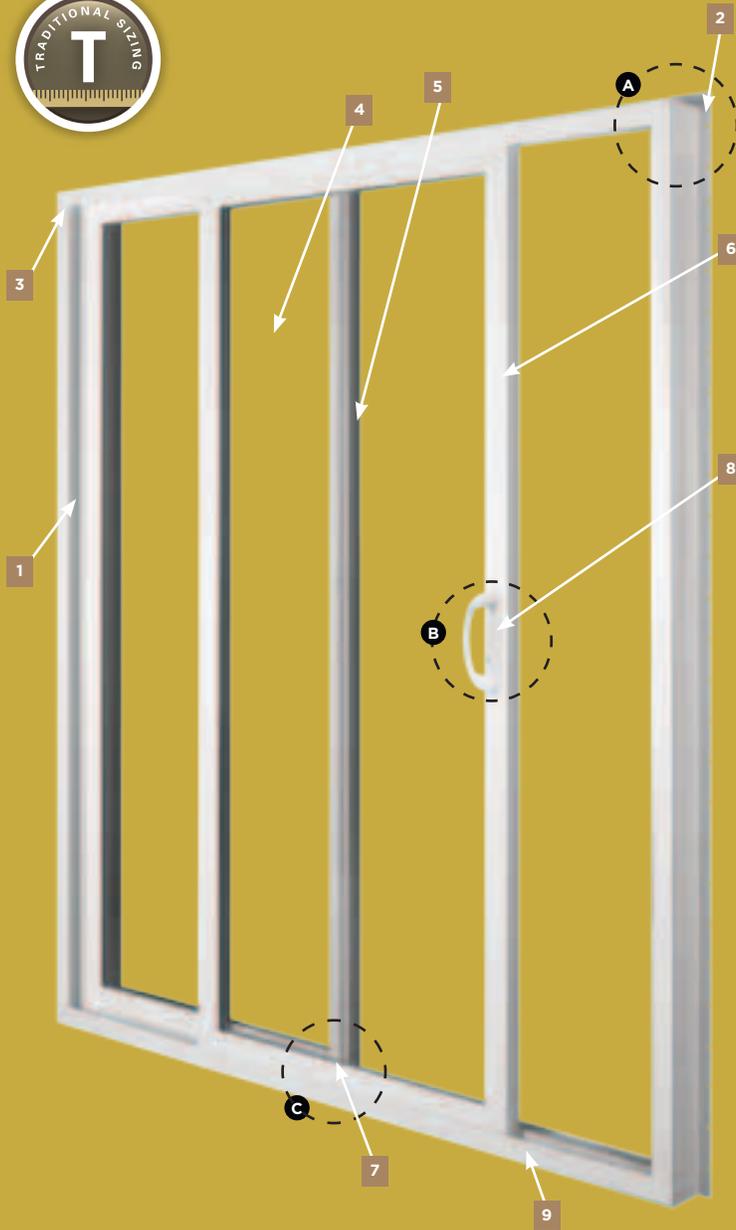
1. Optional Low-E upgrade for better performance. 2. Optional Low-E^{SC} (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HP^{SC} Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance. 6. Coastal hardware upgrade available.



5700 SLIDING PATIO DOOR

BUILDER SERIES 5700 SLIDING VINYL PATIO DOORS are available with matching fixed panels, side lites, transoms and segmented transoms.

5700 SLIDING PATIO DOOR



FEATURES

- 1 Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on panel and frame
- 2 Pre-punched nailing fin with fusion-welded corners
- 3 Interior and exterior accessory groove for drywall return, extension jamb and exterior brick mould application
- 4 Energy-efficient Warm Edge insulating tempered glass
- 5 Self-centering interlock satisfies forced entry requirements
- 6 Field reversible panels for simple on-site conversions (8-0 height is not reversible)
- 7 Simple roller adjustment access through end of panel
- 8 Color-coordinated powder coated handle provides aesthetically pleasing, comfortable performance
- 9 Aluminum threshold and sill track



5700 vinyl sliding patio doors feature a unique design that allows for simple field reversibility before or after installation. They are constructed with full-perimeter weatherstripping for a tight seal. Exterior handles are available with or without keyed lock. Optional ADA compliance kit with handle and ramps available.



PLY GEM BUILDER SERIES 5700 DOORS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 5700 doors comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.

A



Interior and exterior accessory groove for drywall return, extension jamb and exterior brick mould application

B



Color-coordinated powder coated handle provides aesthetically pleasing, comfortable performance

C



Simple roller adjustment access through end of panel ensures smooth operation

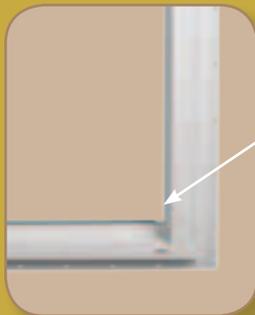
1. Optional Low-E upgrade for better performance. 2. Optional Low-ESC (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HPSC Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance. 6. Americans with Disabilities Act (ADA) compliance accessibility upgrade package available.



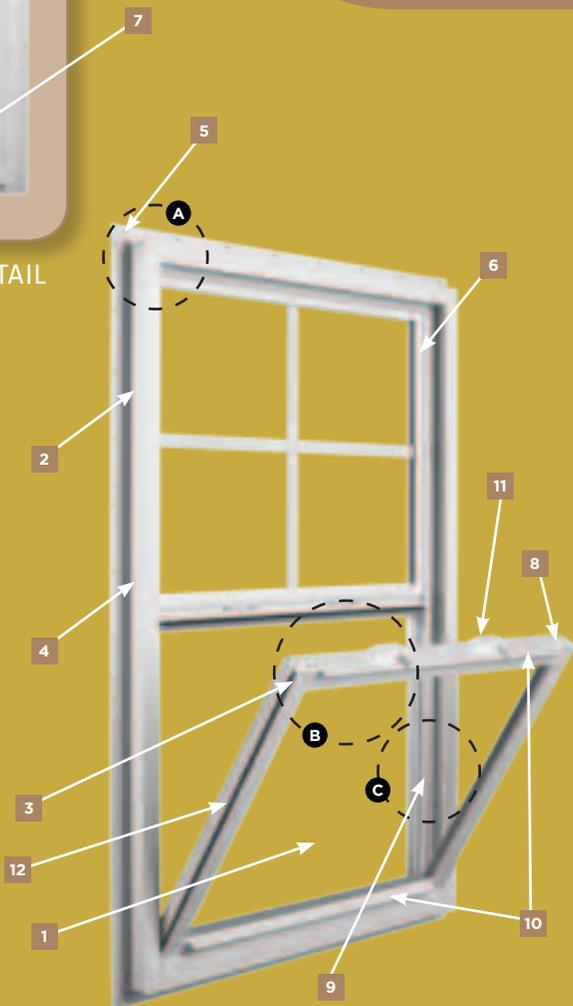
1110 SERIES SINGLE HUNG

BUILDER SERIES 1110 SERIES SINGLE HUNG vinyl windows are available in singles, twins, triples, combinations, fixed and a wide selection of architectural shapes.

1110 SERIES SINGLE HUNG



EXTERIOR DETAIL



FEATURES

- 1 Energy-efficient Warm Edge insulating glass
- 2 Maintenance-free multi-chamber PVC construction
- 3 Fully fusion-welded corners on sash and frame for superior structural strength
- 4 2³/₄" frame depth
- 5 Integral nail fin (shown) with 1" or 1³/₈" setback or flange for simple installation
- 6 Interior glazed top sash
- 7 Exterior glazed bottom sash
- 8 Flush mounted tilt latches
- 9 Block and tackle balances
- 10 Dual lift rails on bottom sash for easy operation
- 11 Cam and keeper locks
- 12 Bottom sash tilts in and is removable for easy cleaning



1110 series single hung vinyl windows feature a traditional brick mould appearance. They come with simple tilting sash system, allowing homeowners to tilt in bottom sash for safe cleaning of exterior glass.



PLY GEM BUILDER SERIES 1110 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 1110 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.

SINGLE HUNG SELECTION GUIDE

SERIES	NAIL FIN SETBACK	TOP SASH REMOVABLE	HIGH WIND ZONE	FLORIDA APPROVED	CONSTRUCTION TYPE				
					WOOD SIDING	BRICK	3 COAT STUCCO	BLOCK	EIFIS
1110	1"				•	•	•		
1110N	1 ³ / ₈ "				•	•			•
1111	1"		•	•	•	•	•		
1111FL	FLANGE		•	•				•	
1111N	1 ³ / ₈ "		•	•	•	•			•
1115	1"	•			•	•	•		
1115N	1 ³ / ₈ "	•			•	•			•

A



Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on sash and frame for superior structural strength

B



Flush mounted tilt latches, dual lift rails and cam and keeper locks

C



Block and tackle balances

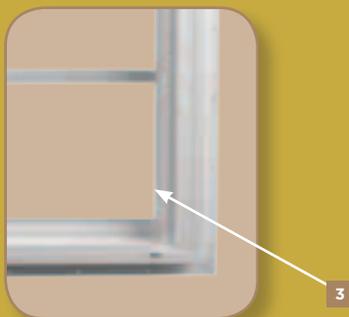
1. Optional Low-E upgrade for better performance. 2. Optional Low-E^{SC} (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HP^{SC} Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.



1150 DOUBLE HUNG

BUILDER SERIES 1150 DOUBLE HUNG vinyl windows are available in singles, twins, triples, combinations, fixed and a wide selection of architectural shapes. They can be mulled with a continuous head and sill on twins and triples.

1150 DOUBLE HUNG



EXTERIOR DETAIL



FEATURES

- 1 Maintenance-free multi-chamber PVC construction
- 2 Fully fusion-welded corners on sash and frame for superior structural strength
- 3 Both exterior glazed sash tilt in and remove for safe and easy cleaning of exterior glass
- 4 Energy-efficient Warm Edge insulating glass
- 5 3 1/2" frame depth
- 6 Integral nail fin with 1" setback for simple installation
- 7 Steel reinforced jamb
- 8 Block and tackle balances
- 9 Flush mounted tilt latches
- 10 Cam and keeper locks



1150 double hung vinyl windows feature a traditional brick mould appearance. They come with simple tilting sash system, allowing homeowners to tilt in both sash for safe cleaning of exterior glass.

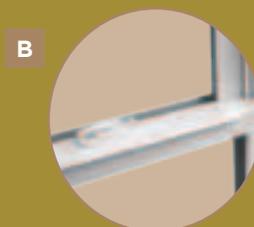


PLY GEM BUILDER SERIES 1150 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 1150 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.



A Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on sash and frame for superior structural strength

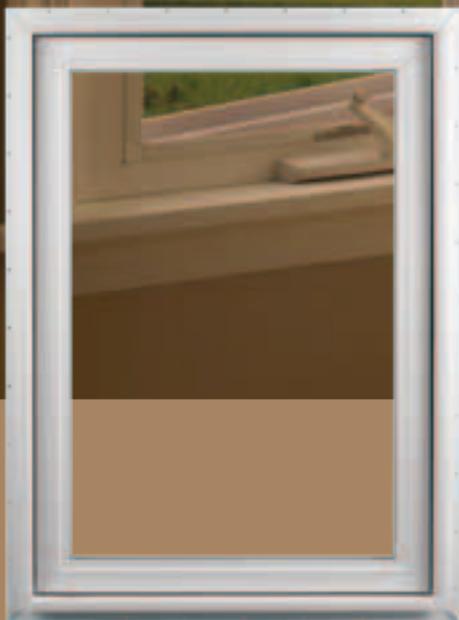


B Steel reinforced jamb, flush mounted tilt latches and cam and keeper locks



C Block and tackle balances

1. Optional Low-E upgrade for better performance. 2. Optional Low-E^{SC} (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HP^{SC} Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.

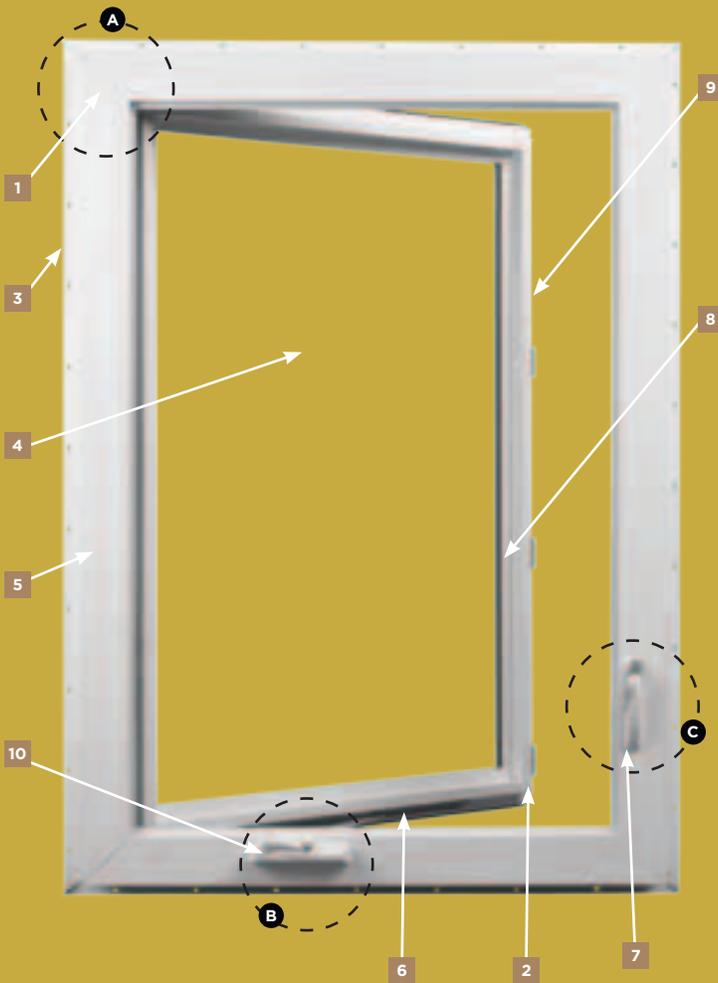


1140 CASEMENT & 1160 AWNING

BUILDER SERIES 1140 CASEMENT & 1160 AWNING

vinyl windows are available in singles, twins, triples, combinations, fixed and a wide selection of architectural shapes. They can be mulled with a continuous head and sill on twins and triples.

1140 CASEMENT & 1160 AWNING



FEATURES

- 1 Maintenance-free multi-chamber PVC construction with fully welded corner
- 2 Fully fusion-welded sash and frame for superior structural strength
- 3 Integral nail fin with 1" setback for simple installation
- 4 Energy-efficient Warm Edge insulating glass
- 5 3 1/2" frame depth
- 6 Casements are available right or left hand operating
- 7 Single handle multi-point locking system
- 8 Inside glazed sash
- 9 Casement sash opens 90° for ventilation and easy cleaning
- 10 Powder coated hardware



1140 casement & 1160 awning vinyl windows feature a sash system allowing homeowners to open sash 90° for safe cleaning of exterior glass. Casement & awning units both feature a multi-point locking system for added security and performance.



PLY GEM BUILDER SERIES 1140 CASEMENTS AND 1160 AWNINGS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 1140 casements and 1160 awnings comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.



A Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on sash and frame for superior structural strength

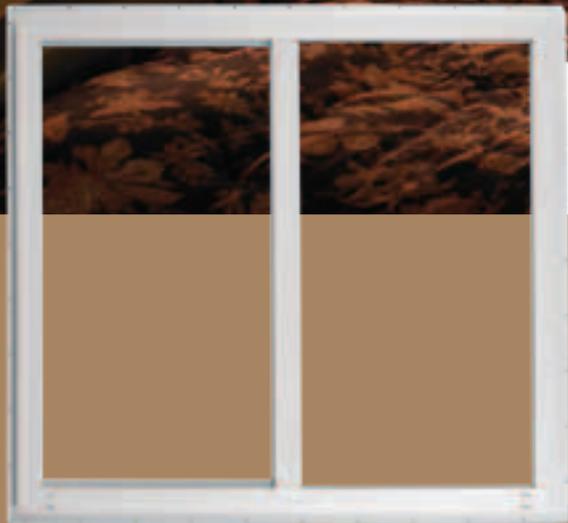


B Powder coated hardware



C Single handle multi-point locking system

1. Optional Low-E upgrade for better performance. 2. Optional Low-E^{SC} (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HP^{SC} Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.



1120/30 SERIES SLIDING WINDOW

BUILDER SERIES 1120/30 SERIES SLIDING VINYL WINDOWS are available in a two sash and a three sash configuration. The two sash configuration (1120) features one active sash and one fixed sash. The three sash configuration (1130) features two active end sash with one fixed center sash in two different configurations ($\frac{1}{4}$ - $\frac{1}{2}$ - $\frac{1}{4}$ or $\frac{1}{3}$ - $\frac{1}{3}$ - $\frac{1}{3}$).

1120/30 SERIES SLIDING WINDOW



FEATURES

- 1 Maintenance-free multi-chamber PVC construction
- 2 Fully fusion-welded corners on sash and frame for superior structural strength
- 3 Integral nail fin with 1" or 1 3/8" setback for simple installation
- 4 2 3/4" frame depth
- 5 Energy-efficient Warm Edge insulating glass
- 6 Interior glazed fixed sash
- 7 Removable exterior glazed moving sash
- 8 Brass rollers
- 9 Dual pull rails
- 10 Cam and keeper locks



1120 /30 sliding windows feature brick mould exteriors for an authentic sculpted appearance that matches traditional exterior millwork. They also feature smooth gliding sash with brass rollers for enduring operation with convenient lift-out sash for easy cleaning.



GREEN APPROVED

PLY GEM BUILDER SERIES 1120/30 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 1120/30 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.

SLIDING WINDOW SELECTION GUIDE

SERIES	NAIL FIN SETBACK	CONSTRUCTION TYPE			
		WOOD SIDING	BRICK	3 COAT STUCCO	EIFIS
1120/30	1"	●	●	●	
1120/30N	1 3/8"	●	●		●

A



Maintenance-free multi-chamber PVC construction with fully fusion-welded corners on sash and frame for superior structural strength

B



Dual pull rails

C



Cam and keeper locks

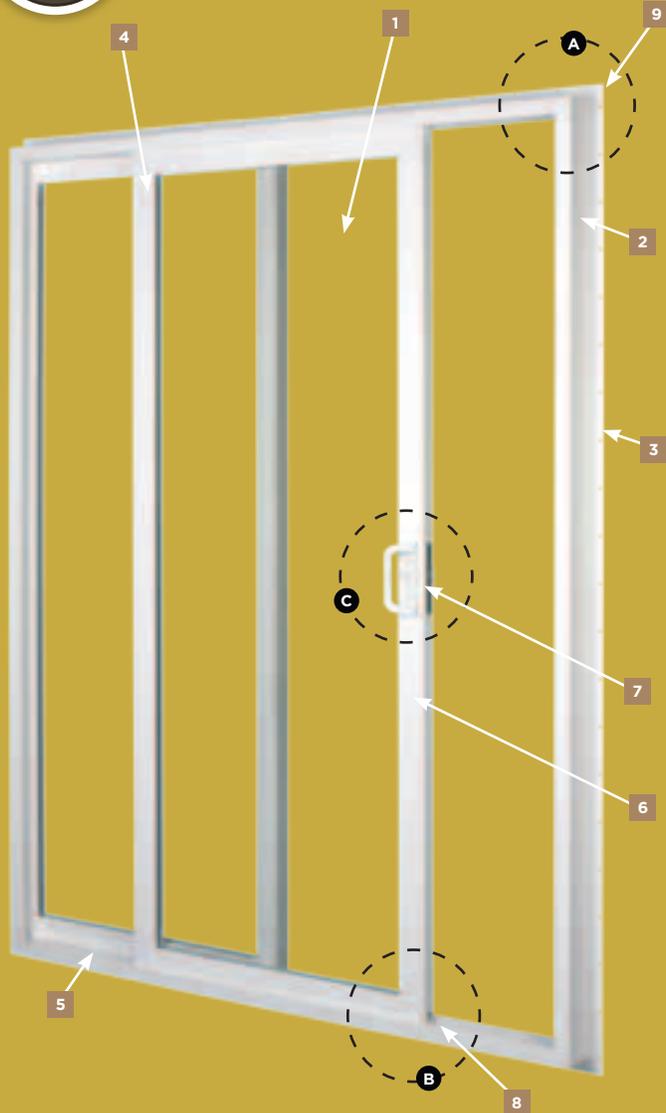
1. Optional Low-E upgrade for better performance. 2. Optional Low-E^{sc} (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HP^{sc} Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.



1180 SLIDING PATIO DOOR

BUILDER SERIES 1180 SLIDING VINYL PATIO DOORS are available with matching fixed panels, side lites, transoms and segmented transoms.

1180 SLIDING PATIO DOOR



FEATURES

- 1 Energy-efficient Warm Edge insulating tempered glass
- 2 Maintenance-free multi-chamber PVC construction with fully fusion-welded corner
- 3 Completely assembled
- 4 6' – 8' height doors are reversible prior to installation
- 5 Stainless steel track cover allows for trouble-free active panel operation
- 6 Metal reinforced stiles provide rigid stability for units up to 8'0" tall
- 7 Color-coordinated mortise or clam lockset – stylish, functional and adjustable
- 8 Tandem rollers for a more effortless operation and adjustability
- 9 Pre-punched nailing fin with fusion-welded corners



1180 sliding patio doors are reversible before installation. They are constructed with full-perimeter weatherstripping for a tight seal. Exterior handles are available with or without keyed lock.



PLY GEM BUILDER SERIES 1180 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.

This means you can be assured that Ply Gem Builder Series 1180 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.GreenApprovedProducts.com for more details.



A Maintenance-free multi-chamber PVC construction and pre-punched nailing fin with fully fusion-welded corners



B Tandem rollers for a more effortless operation and adjustability



C Color-coordinated mortise or clam lockset – stylish, functional and adjustable

1. Optional Low-E upgrade for better performance. 2. Optional Low-E^{sc} (solar cooling optimized) upgrade for increased performance. 3. Optional HP Glass upgrade combines Low-E with argon gas fill for high performance. 4. Optional HP^{sc} Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance. 5. Warm Edge+ spacer system for enhanced performance.

NFRC THERMAL PERFORMANCE DATA

BUILDER SERIES VINYL PRODUCTS

1000 SINGLE HUNG				
3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.08	0.48	0.63	0.66
3/4" Low-E	2.94	0.34	0.30	0.56
3/4" Low-E ^{SC}	2.94	0.34	0.23	0.44
3/4" HP Glass	3.23	0.31	0.30	0.56
3/4" HP ^{SC} Glass	3.23	0.31	0.22	0.44
WITH WARM EDGE+				
3/4" Low-E	3.03	0.33	0.30	0.56
3/4" Low-E ^{SC}	3.03	0.33	0.23	0.44
3/4" HP Glass	3.33	0.30	0.30	0.56
3/4" HP ^{SC} Glass	3.33	0.30	0.22	0.44

1000 DOUBLE HUNG				
3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.04	0.49	0.62	0.64
3/4" Low-E	2.86	0.35	0.29	0.54
3/4" Low-E ^{SC}	2.94	0.34	0.22	0.43
3/4" HP Glass	3.23	0.31	0.29	0.54
3/4" HP ^{SC} Glass	3.23	0.31	0.22	0.43
WITH WARM EDGE+				
3/4" Low-E	2.94	0.34	0.29	0.54
3/4" Low-E ^{SC}	3.03	0.33	0.22	0.43
3/4" HP Glass	3.33	0.30	0.29	0.54
3/4" HP ^{SC} Glass	3.33	0.30	0.22	0.43

1000 SLIDING WINDOW				
3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.08	0.48	0.63	0.65
3/4" Low-E	2.94	0.34	0.30	0.55
3/4" Low-E ^{SC}	2.94	0.34	0.23	0.43
3/4" HP Glass	3.23	0.31	0.29	0.55
3/4" HP ^{SC} Glass	3.23	0.31	0.22	0.43
WITH WARM EDGE+				
3/4" Low-E	3.03	0.33	0.30	0.55
3/4" Low-E ^{SC}	3.03	0.33	0.23	0.43
3/4" HP Glass	3.33	0.30	0.29	0.55
3/4" HP ^{SC} Glass	3.33	0.30	0.22	0.43

1000 SLIDING PATIO DOOR				
3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.17	0.46	0.62	0.65
3/4" Low-E	3.03	0.33	0.29	0.55
3/4" Low-E ^{SC}	3.03	0.33	0.22	0.43
3/4" HP Glass	3.45	0.29	0.29	0.55
3/4" HP ^{SC} Glass	3.45	0.29	0.22	0.43
WITH WARM EDGE+				
3/4" Low-E	3.13	0.32	0.29	0.55
3/4" Low-E ^{SC}	3.13	0.32	0.22	0.43
3/4" HP Glass	3.57	0.28	0.29	0.55
3/4" HP ^{SC} Glass	3.57	0.28	0.22	0.43

NOTE:

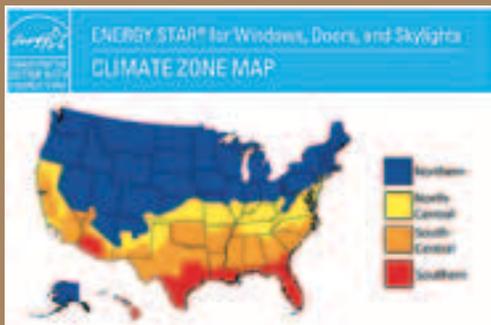
Low-E^{SC} = Solar cooling optimized Low-E

HP = Combines Low-E and argon gas fill for high performance

HP^{SC} = Combines solar cooling optimized Low-E and argon gas fill for enhanced performance

Warm Edge+ = High performance Warm Edge+ spacer system

ENERGY STAR® CLIMATE ZONES



ENERGY STAR® Qualification Criteria WINDOWS and DOORS

Zone	U Factor	SHGC
Northern	≤ 0.30	ANY
North-Central	≤ 0.32	≤ 0.40
South-Central	≤ 0.35	≤ 0.30
Southern	≤ 0.60	≤ 0.27



R VALUE: Restrictive ambient air flow
 U FACTOR: Rate of heat loss
 SHGC: Solar Heat Gain Coefficient
 VT: Visible Transmittance

All units rated in accordance with NFRC 100/200 standards by a NAMI Accredited lab. Performance values reflect the performance of units tested with the following configuration: no grilles with glass and IGU thickness specified in the chart.

NFRC THERMAL PERFORMANCE DATA

BUILDER SERIES VINYL PRODUCTS

5000 CASEMENT & AWNING				
3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.33	0.43	0.52	0.54
3/4" Low-E	3.13	0.32	0.25	0.46
3/4" Low-E ^{SC}	3.13	0.32	0.19	0.36
3/4" HP Glass	3.45	0.29	0.24	0.46
3/4" HP ^{SC} Glass	3.45	0.29	0.19	0.36
WITH WARM EDGE+				
3/4" Low-E	3.23	0.31	0.25	0.46
3/4" Low-E ^{SC}	3.23	0.31	0.19	0.36
3/4" HP Glass	3.57	0.28	0.24	0.46
3/4" HP ^{SC} Glass	3.57	0.28	0.19	0.36

5700 SLIDING PATIO DOOR				
3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.17	0.46	0.62	0.65
3/4" Low-E	3.03	0.33	0.29	0.55
3/4" Low-E ^{SC}	3.03	0.33	0.22	0.43
3/4" HP Glass	3.45	0.29	0.29	0.55
3/4" HP ^{SC} Glass	3.45	0.29	0.22	0.43
WITH WARM EDGE+				
3/4" Low-E	3.13	0.32	0.29	0.55
3/4" Low-E ^{SC}	3.13	0.32	0.22	0.43
3/4" HP Glass	3.57	0.28	0.29	0.55
3/4" HP ^{SC} Glass	3.57	0.28	0.22	0.43

1700 SINGLE HUNG				
3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.08	0.48	0.63	0.66
3/4" Low-E	2.94	0.34	0.30	0.56
3/4" Low-E ^{SC}	2.94	0.34	0.23	0.44
3/4" HP Glass	3.23	0.31	0.30	0.56
3/4" HP ^{SC} Glass	3.23	0.31	0.22	0.44
WITH WARM EDGE+				
3/4" Low-E	3.03	0.33	0.30	0.56
3/4" Low-E ^{SC}	3.03	0.33	0.23	0.44
3/4" HP Glass	3.33	0.30	0.30	0.56
3/4" HP ^{SC} Glass	3.33	0.30	0.22	0.44

2200 DOUBLE HUNG				
3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.04	0.49	0.62	0.64
3/4" Low-E	2.86	0.35	0.29	0.54
3/4" Low-E ^{SC}	2.94	0.34	0.22	0.43
3/4" HP Glass	3.23	0.31	0.29	0.54
3/4" HP ^{SC} Glass	3.23	0.31	0.22	0.43
WITH WARM EDGE+				
3/4" Low-E	2.94	0.34	0.29	0.54
3/4" Low-E ^{SC}	3.03	0.33	0.22	0.43
3/4" HP Glass	3.33	0.30	0.29	0.54
3/4" HP ^{SC} Glass	3.33	0.30	0.22	0.43

NFRC THERMAL PERFORMANCE DATA

BUILDER SERIES VINYL PRODUCTS

1110 SERIES SINGLE HUNG

	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.04	0.49	0.62	0.65
3/4" Low-E	2.86	0.35	0.29	0.55
3/4" Low-E ^{SC}	2.86	0.35	0.23	0.43
WITH WARM EDGE+				
3/4" HP Glass	3.23	0.31	0.29	0.55
3/4" HP ^{SC} Glass	3.33	0.30	0.22	0.43

1150 DOUBLE HUNG

3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.04	0.49	0.61	0.64
3/4" Low-E	2.78	0.36	0.29	0.54
3/4" Low-E ^{SC}	2.86	0.35	0.22	0.43
WITH WARM EDGE+				
3/4" HP Glass	3.33	0.30	0.29	0.54
3/4" HP ^{SC} Glass	3.33	0.30	0.22	0.43

1120/30 SERIES SLIDING WINDOW

3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.04	0.49	0.63	0.65
3/4" Low-E	2.86	0.35	0.30	0.55
3/4" Low-E ^{SC}	2.86	0.35	0.23	0.43
WITH WARM EDGE+				
3/4" HP Glass	3.33	0.30	0.30	0.55
3/4" HP ^{SC} Glass	3.33	0.30	0.23	0.43

1140 CASEMENT & 1160 AWNING

3mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.17	0.46	0.50	0.52
3/4" Low-E	2.86	0.35	0.24	0.44
3/4" Low-E ^{SC}	2.86	0.35	0.18	0.34
WITH WARM EDGE+				
3/4" HP Glass	3.33	0.30	0.24	0.44
3/4" HP ^{SC} Glass	3.33	0.30	0.18	0.34

1180 SLIDING PATIO DOOR

4mm Glass	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
WITH WARM EDGE				
3/4" Clear	2.08	0.48	0.65	0.68
3/4" Low-E	2.94	0.34	0.30	0.57
3/4" Low-E ^{SC}	2.94	0.34	0.23	0.45
WITH WARM EDGE+				
3/4" HP Glass	3.57	0.28	0.30	0.57
3/4" HP ^{SC} Glass	3.57	0.28	0.23	0.45

- Low-E
- Tinted¹
- Obscure
- Low-E^{SC}
(Solar Cooling optimized Low-E)
- HP Glass
(Low-E/argon)
- HP^{SC} Glass
- Low-E/Tinted¹
- Tempered²

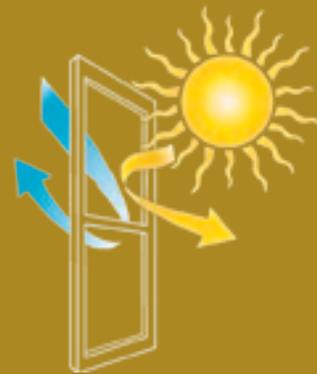
Builder Series screens feature color matched aluminum frames with fiberglass or wire mesh. Sliding patio door screens feature steel rollers for ease of operation.

1. Available on the following vinyl products: 1000, 1700, 2200, 5000 and 5700.
2. Tempered glass is standard on sliding patio doors.

WHAT IS LOW-E?

It is a microscopically thin, virtually invisible metallic oxide layer deposited on a window glazing surface. Low-E can reduce heating and cooling bills while dramatically improving overall comfort.

Ply Gem Windows and Patio Doors with optional high performance glazing packages can be configured to meet the ENERGY STAR[®] guidelines for thermal efficiency in all climate regions.



COLOR OPTIONS

	 WHITE (INTERIOR/ EXTERIOR)	 BEIGE (INTERIOR/ EXTERIOR)	 CLAY (INTERIOR/ EXTERIOR)
1000 Single Hung	●	●	
1000 Sliding Window	●	●	
1000 Double Hung	●	●	
1000 Sliding Patio Door	●	●	
1700 Single Hung	●	●	
2200 Double Hung	●	●	
5000 Casement & Awning	●	●	
5700 Sliding Patio Door	●	●	
1110 Series Single Hung	●	●	●
1150 Double Hung	●	●	●
1140 Casement & Awning	●	●	●
1120/30 Series Sliding Window	●	●	●
1180 Sliding Patio Door	●	●	●

Colors shown may not be accurate representations.
For color matching, please request color swatches
from your Ply Gem sales representative.

GRILLE STYLE OPTIONS



5/8" Flat GBG



3/4" Flat GBG



7/8" Flat GBG



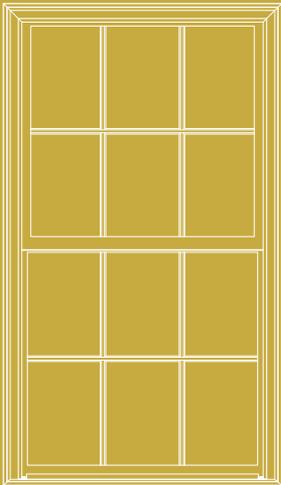
5/8" Sculptured GBG



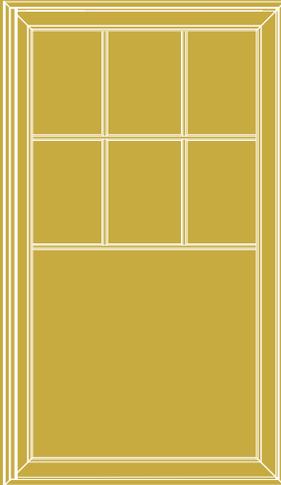
1" Contoured GBG

	5/8" Flat GBG	3/4" Flat GBG	7/8" Flat GBG	5/8" Sculptured GBG	1" Contoured GBG
1000 Single Hung			●	●	
1000 Sliding Window			●	●	
1000 Double Hung			●	●	
1000 Sliding Patio Door			●	●	
1700 Single Hung		●		●	
2200 Double Hung		●		●	●
5000 Casement & Awning		●		●	●
5700 Sliding Patio Door		●		●	●
1110 Series Single Hung	●	●			
1150 Double Hung	●	●			
1140 Casement & Awning	●	●			
1120/30 Series Sliding Window	●	●			
1180 Sliding Patio Door	●	●			

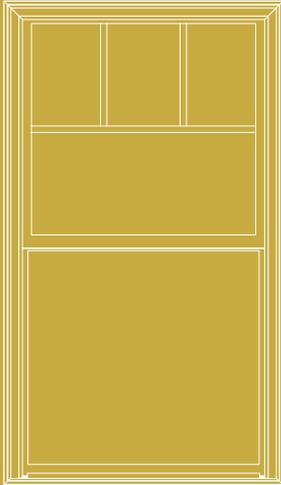
STANDARD GRILLE PATTERNS



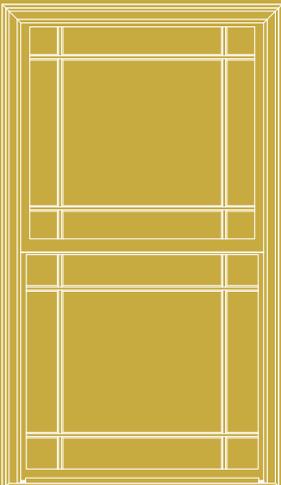
Colonial



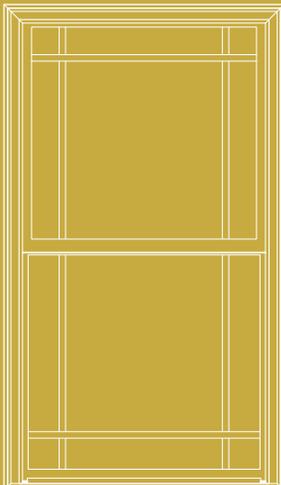
Half Colonial
(shown on Casement)



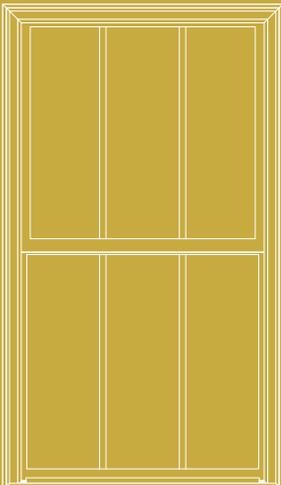
Plaza



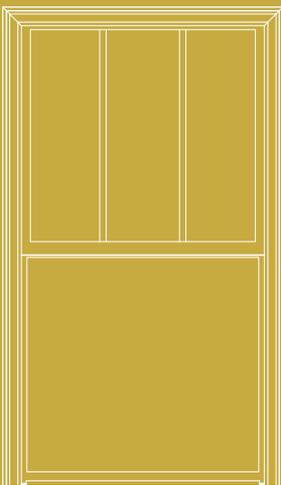
Prairie



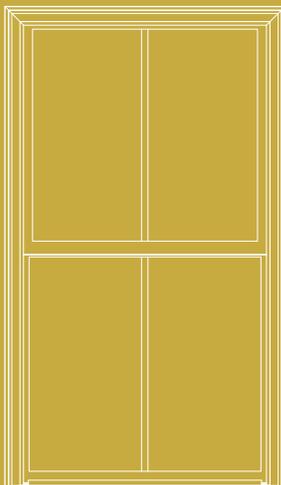
Perimeter Prairie



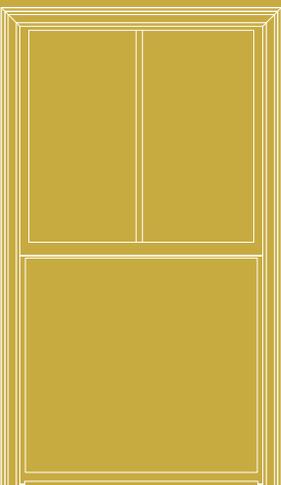
Three over Three



Three over One



Two over Two



Two over One

Call customer service for optional grille patterns (800.999.8400).



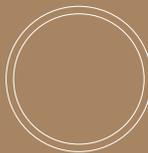
ARCHITECTURAL SHAPES



Triangle



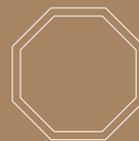
Pentoid



Full Round



Oval



Octagon



Right Triangle



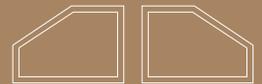
Rectangle



Eyebrow



Elliptical



Clip Trapezoid



Quarter Circle



Circle Head



Arch Transom



Segmented Arch Transom



Trapezoid Transom



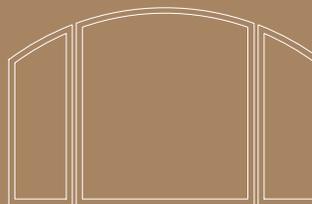
Ext. Quarter Circle



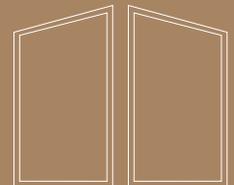
True Radius



Arch



Segmented Arch Picture



Trapezoid Picture



Windows Siding Stone Veneer Fence+Rail Designer Accents plygem.com



NC3-SBV-1110-PWG-REV.B

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For more information, call 888-9PLYGEM.