



# 1500VinylCollection

Single Hung Windows

BUILDER



Building choice into every view.

# 1500 Single Hung Windows



## Upgrade your view

- High performance in a builder's window
- Traditional or contemporary frame design
- SDL or GBG grilles
- Sizes to meet your need
- Egress Size: 3050SH, 4040SL
- Limited Lifetime Warranty

When you build a lot of homes, you expect a lot from your windows. Quality. Performance. Value. A company you can count on. Our new 1500 vinyl windows offer all that and more, including a full range of options to meet your every need.

## Color options

Solid Vinyl Colors



Co-extruded Colors



## Frame Options



Brickmould

Beveled

Flat

## Grille types

Also available with no grilles.

GBG Grilles



3/4" Flat or  
5/8" Sculptured

SDL Grilles



7/8" or 1 1/4" SDL  
with Shadow Bar

## Window Anatomy

Multi-chamber construction with fusion-welded sash and frame

7/8" or 1" dual or triple pane insulated glass with Warm Edge spacer saves energy

Sloped sill drains water away from home exterior

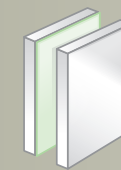
Integral J-channel for simple, secure siding installation (optional double utility trim)



## Glass options

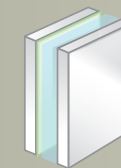
Compare U-Factor ratings

Low-E



7/8" Low-E	.35	SHGC .27
One lite of Low-E		
7/8" Low-E <sup>SC</sup>	.35	SHGC .22
One lite of solar cooling Low-E		
7/8" Low-E2+	.30	SHGC .27
One lite of Low-E and one lite of Interior Surface Low-E		

Low-E with Argon



7/8" HP	.31	SHGC .27
One lite of Low-E with argon		
7/8" HP <sup>SC</sup>	.31	SHGC .22
One lite of solar cooling Low-E with argon		
7/8" HP2+	.27	SHGC .26
One lite of Low-E and one lite of Interior Surface Low-E with argon		
HP2+ <sup>PSL</sup>	.29	SHGC .50
One lite of passive solar low-E and one lite of Interior Surface Low-E with argon		

Triple-Glazed



7/8" HP2 <sub>Max</sub>	.27	SHGC .26
Two lites of Low-E with two chambers of argon		
7/8" HP3 <sub>Max</sub>	.24	SHGC .23
Two lites of Low-E, two chambers of argon, one lite of Interior Surface Low-E		

Values reflect 3050 call size brickmould non-drywall glazed single window with 3mm glass, WarmEdge Spacer, no grilles. Beveled frame thermal values may differ slightly.

# easyinstall

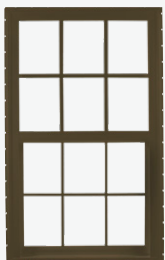
for a quick, correct fit

- Alignment clips
- Double utility trim
- Integral J-channel
- Jamb extensions or drywall receiver options
- Accessory grooves
- Protective construction film

## Window Highlights



Optional LC 50 upgrade available in limited sizes



Exterior



Interior



### Jamb Alignment Clips

Aligns and holds frame in place during installation; enables one person to center smaller windows.



### Removable Meeting Rail

Patented meeting rail anchor makes removing rail simple; ideal for drywall applications.

Patent #: 9624713



### Integral Mulls

Twins and triples with continuous head and sill frame allows a mix of operating and fixed windows.

Patent #: 9038333



### Interlocking Sash

Sash locks tightly together to help keep out intruders and inclement weather.



### Forced Entry Resistant Locks

Enhanced security locks meet tough AAMA forced entry requirements. ADA accessible and auto-lock options available.



ADA Accessible Lock



Auto Lock

1. Limited 10-year warranty for co-extruded color windows.



Building choice into every view

# WindowSpecs

## FRAME

- 3 1/2" dual wall brickmould frame depth
- 2 7/8" beveled frame depth
- 1 3/8" integral nail fin set back
- Optional 1/2" flush flange for block installs
- Optional 3 1/2" flat casing for rectangles and arches
- Optional double utility trim simplifies siding installation
- Custom and traditional sizing to meet your needs
- Integral J-pocket simplifies siding installations
- Interior/exterior accessory grooves
- Sloped sill for water management
- Screen clip Patent #: 61738783
- Mixed operating and fixed integral mulls Patent #: 9038333
- Easy to remove meeting rail Patent #: 9624713

## SASH

- Interior glazed top glass
- Exterior glazed bottom glass
- Interlocking sash with dual pile weatherstripping
- Inverted block & tackle or constant force coil balances
- Recessed tilt-latch
- Dual lift rails for easy operation
- Half screens (shipped separately)

## GLASS

- Double: Low-E, Low-E<sup>SC</sup>, Low-E2+, Low-E2+<sup>SC</sup>, HP, HP<sup>SC</sup>, HP2+, HP2+<sup>SC</sup>, LE2+<sup>PSL</sup> and HP2+<sup>PSL</sup>
- Triple: HP2<sub>MAX</sub>, HP2<sub>MAX</sub><sup>SC</sup>, HP3<sub>MAX</sub>, HP3<sub>MAX</sub><sup>SC</sup>
- Optional Warm Edge<sup>+</sup> spacers
- Configurable STC values up to 35
- Impact, tempered, obscure and rain options
- Bronze Tempered Tint, Grey Tint and Black Spandrel options

## GRILLES

- GBG (Grilles Between Glass): 3/4" Flat or 5/8" Sculptured
- SDL (Simulated Divided Lite): 7/8" or 1 1/4" with Shadow Bar
- Colonial, Plaza, Prairie, Diamond, Gothic patterns available

## LOCKS

- Standard forced entry resistant cam lock
- Self-latching forced entry resistant auto-lock option
- ADA accessible forced entry resistant auto-lock option

## PERFORMANCE CERTIFICATIONS



FLORIDA APPROVED  
For a list of Ply Gem's Florida approved products visit [floridabuilding.org](http://floridabuilding.org).



CANADIAN STANDARDS ASSOCIATION  
CERTIFIED



TEXAS DEPARTMENT OF INSURANCE

Product Type	Test Unit Size (inches)	Overall Rating	NAFS Product Performance							Housing Performance	
			Air Infiltration (scfm/ft²)	Air Exfiltration (scfm/ft²)	Water Pressure (psf)	Structural Pressure (psf)	Test Standard(s)	Florida Approval	TDI Approval	AAMA 1701.2 Wind Zone	AAMA 1704 Egress Rated
Single Hung	36 x 62	H-LC35	0.17	0.16	5.43	+35/-35	NAFS 05, 08, 11	FL16103	WIN-1769		
	35.5 x 73.5	H-LC30	0.17	0.16	4.59	+30/-30	NAFS 05, 08, 11	FL16103			
	40 x 72	H-LC25	0.13	0.11	3.76	+35/-35	NAFS 05, 08, 11	FL16103	WIN-1769	WZ II	Yes
	44 x 77.125	H-LC25	0.13	0.11	3.76	+25/-25	NAFS 05, 08, 11	FL16103	WIN-1769	WZ I	Yes
	35.5 x 73.5	H-LC35	0.17	0.16	7.52	+35/-35	NAFS 05, 08, 11	FL16103			
	36 x 74	H-LC50	0.13	0.11	7.52	+50/-50	NAFS 05, 08, 11	FL16103	WIN-1769	WZ III	Yes
	44 x 77.125	H-LC35	0.13	0.11	5.43	+40/-40	NAFS 05, 08, 11	FL16103	WIN-1769	WZ III	Yes
	35.5 x 61.5	H-LC50	0.17	0.16	7.52	+55/-55	NAFS 05, 08, 11	FL16103			
	36 x 74	H-LC35	0.17	0.16	5.43	+35/-35	NAFS 05, 08, 11	FL16103	WIN-1769	WZ II	Yes
	36 x 74	H-LC50	0.17	0.16	7.52	+50/-50	NAFS 05, 08, 11	FL16103		WZ III	Yes
	36 x 84	H-LC50	0.11	0.06	7.52	+50/-50	NAFS 05, 08, 11	FL16103	WIN-1769	WZ III	Yes
	40 x 72	H-LC50	0.11	0.05	7.52	+50/-50	NAFS 05, 08, 11	FL16103	WIN-1769	WZ III	Yes
	44 x 77.125	H-LC40	0.11	0.05	7.52	+40/-40	NAFS 05, 08, 11	FL16103	WIN-1769	WZ III	Yes
	48 x 72	H-LC50	0.11	0.06	7.52	+50/-50	NAFS 05, 08, 11	FL16103	WIN-1769	WZ III	Yes
	48 x 96	H-LC30	0.11	0.06	7.52	+30/-35	NAFS 05, 08, 11	FL16103	WIN-1769	WZ I	Yes
	52.125 x 62	H-LC50	0.28	0.19	7.52	+50/-50	NAFS 05, 08, 11	FL16103	WIN-1769		
	53 x 77.125	H-LC40	0.28	0.19	7.52	+40/-40	NAFS 05, 08, 11	FL16103	WIN-1769	WZ III	Yes
	53 x 77.125	H-LC50	0.28	0.19	7.52	+50/-50	NAFS 05, 08, 11	FL16103	WIN-1769	WZ III	Yes
	38 x 77.125	H-LC50	0.11	0.05	7.52	+50/-60	AAMA 506-06, 08	FL16103	WIN-1771	NA	NA
	52.125 x 62	H-LC50	0.28	0.19	7.52	+50/-60	AAMA 506-06, 08	FL16103		NA	NA
52.125 x 71	H-LC50	0.28	0.19	7.52	+50/-50	AAMA 506-06, 08	FL16103				
Integral Mull (Twin)	71.5 x 73.5	H-R25	0.17	0.14	3.76	+40/-40	NAFS 05, 08, 11	FL16100			
	72.5 x 74	H-LC25	0.18	0.15	3.76	+35/-35	NAFS 05, 08, 11	FL16100		WZ II	Yes
	71.5 x 73.5	H-R50	0.17	0.14	7.52	+50/-50	NAFS 05, 08, 11	FL16100			
	71.5 x 73.5	H-LC35	0.26	0.17	5.43	+35/-35	NAFS 05, 08, 11	FL16100		WZ II	Yes
	71.5 x 73.5	H-LC50	0.26	0.17	7.52	+50/-55	NAFS 05, 08, 11	FL16100		WZ III	Yes
	76.125 x 65.125	H-R50	0.30	0.30	7.52	+50/-50	NAFS 05, 08, 11	FL16100			
Integral Mull (Triple)	81 x 72	H-LC50	0.18	0.16	7.52	+50/-50	NAFS 05, 08, 11	FL16100		WZ III	Yes
	84.25 x 77.125	H-LC40	0.18	0.16	7.52	+40/-40	NAFS 05, 08, 11	FL16100		WZ III	Yes
	107.5 x 73.5	H-R25	0.17	0.14	3.76	+40/-40	NAFS 05, 08, 11	FL16100			
	109 x 74	H-LC25	0.18	0.15	3.76	+35/-35	NAFS 05, 08, 11	FL16100		WZ II	Yes
	107.5 x 65.5	H-LC50	0.26	0.17	7.52	+50/-50	NAFS 05, 08, 11	FL16100			
	107.5 x 73.5	H-LC35	0.26	0.17	5.43	+35/-35	NAFS 05, 08, 11	FL16100		WZII	Yes
Integral Mull (Triple)	107.5 x 73.5	H-LC50	0.26	0.17	7.52	+50/-55	NAFS 05, 08, 11	FL16100		WZ III	Yes
	114.625 x 65.125	H-R40	0.30	0.30	6.06	+40/-45	NAFS 05, 08, 11	FL16100		WZ III	Yes
	114.625 x 65.125	H-R45	0.30	0.30	7.52	+45/-50	NAFS 05, 08, 11	FL16100			
	121 x 77.125	H-LC45	0.16	0.14	7.52	+45/-45	NAFS 05, 08, 11	FL16100		WZ III	Yes

- Compression Tape Glazing
- Two-Sided Tape Glazing
- Impact Rated

### Test Standards

- AAMA/WDMA/CSA 101/1.5.2/A440-05 (NAFS-05)
- AAMA/WDMA/CSA 101/1.5.2/A440-08 (NAFS-08)
- AAMA/WDMA/CSA 101/1.5.2/A440-11 (NAFS-11)
- AAMA 506-06

