



1500VinylCollection

Single Hung Windows

BUILDER



Building choice into every view.

 **Ply Gem**[®]
WINDOWS

1500 Single Hung Windows



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.

Frame Options



Brickmould



Beveled



Flat

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)



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

Color options

New exterior colors are on brickmould and flat casing only.
*Some restrictions may apply.



Grille types

Also available with no grilles.

GBG Grilles



3/4" Flat, 5/8" or 1" Sculptured

SDL Grilles



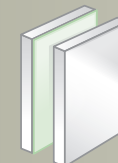
7/8" or 1-1/4" SDL with Shadow Bar

Glass options

Compare U-Factor ratings

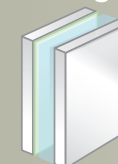
Visit 1500vinylcollection.com for more detailed information

Low-E



7/8" Low-E	.35	SHGC .29
One lite of Low-E		
7/8" Low-E ^{SC}	.35	SHGC .22
One lite of solar cooling Low-E		
7/8" Low-E2+	.30	SHGC .28
One lite of Low-E and one lite of Interior Surface Low-E		

Low-E with Argon



7/8" HP	.32	SHGC .28
One lite of Low-E with argon		
7/8" HP ^{SC}	.32	SHGC .22
One lite of solar cooling Low-E with argon		
7/8" HP2+	.28	SHGC .28
One lite of Low-E and one lite of Interior Surface Low-E with argon		

Triple-Glazed



7/8" HP2 _{Max}	.25	SHGC .25
Two lites of Low-E with two chambers of argon		
7/8" HP3 _{Max}	.23	SHGC .22
Two lites of Low-E, two chambers of argon, one lite of Interior Surface Low-E		
1" HP3 _{Max}	.22	SHGC .22
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.

easyinstall

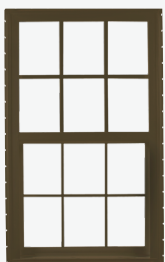
for a quick, correct fit

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

Window Highlights



Optional
H-LC 50
Upgrade
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

Patent pending 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 Sashes

Sashes lock tightly together to help keep out intruders and inclement weather.



Forced Entry Resistant Locks

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



ADA Lock



Auto Lock



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

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
Easy to remove meeting rail Patent #: 9624713
Half screens (shipped separately)

GLASS

Double: Low-E, Low-E^{SC}, Low-E2+, Low-E2+^{SC}, HP, HP^{SC}, HP2+, HP2+^{SC}, LE^{PS}, LE2+^{PS}, HP^{PS} and HP2+^{PS}
Triple: HP2^{MAX}, HP2^{MAX}^{SC}, HP3^{MAX}, HP3^{MAX}^{SC}
Optional Warm Edge+ spacers
Configurable STC values up to 35
Impact, tempered, obscure and rain options
Bronze Tint, Grey Tint and Black Spandrel options
EZ Clean option

GRILLES

GBG (Grilles Between Glass) 3/4" Flat, 5/8" or 1" 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 forced entry resistant auto-lock option

PERFORMANCE CERTIFICATIONS



FLORIDA APPROVED FL16103

For a list of Ply Gem's Florida approved products visit floridabuilding.org.



CANADIAN STANDARDS ASSOCIATION CERTIFIED



TEXAS DEPARTMENT OF INSURANCE
WIN1769 non-impact, WIN1771 impact

		NAFS Product Performance								Housing Performance	
Product Type	Test Unit Size (inches)	Overall Rating	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			
	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
	36 x 74	H-LC35	0.17	0.16	5.43	+35/-35	NAFS 05, 08, 11	FL16103		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		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	In Process	WZ III	Yes
	48 x 72	H-LC50	0.11	0.06	7.52	+50/-50	NAFS 05, 08, 11	FL16103		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
	48 x 96 (7-0 sash)	H-R25	0.16	0.06	3.76	+25/-30	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			
	53 x 77.125	H-LC40	0.28	0.19	7.52	+40/-40	NAFS 05, 08, 11	FL16103		WZ III	Yes
	53 x 77.125	H-LC50	0.28	0.19	7.52	+50/-50	NAFS 05, 08, 11	FL16103		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			
Fixed Window	48 x 96	FW-LC55	0.01	0.01	12.11	+55/-55	NAFS 05, 08, 11	FL16104	WIN-1770	WZ III	No
	72 x 96	FW-CW40	0.02	0.01	12.11	+40/-45	NAFS 05, 08, 11	FL16104	WIN-1770	WZ III	No
	120 x 56	FW-LC45	0.00	0.00	12.11	+45/-50	NAFS 05, 08, 11	FL16104	WIN-1770	WZ III	No
	60 x 72	FW-LC50	0.00	0.00	12.11	+50/-60	AAMA 506-06, 08	FL16104	WIN-1768	NA	NA
Integral Mull (Twin)	71.5 x 73.5	H-R25	0.17	0.14	3.76	+40/-40	NAFS 05, 08, 11	FL16100			
	72 x 74	H-LC25	0.18	0.15	3.76	+35/-35	NAFS 05, 08, 11	FL16100	In Process	WZ II	Yes
	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/-50	NAFS 05, 08, 11	FL16100		WZ III	Yes
	81 x 72	H-LC50	0.18	0.16	7.52	+50/-50	NAFS 05, 08, 11	FL16100	In Process	WZ III	Yes
Integral Mull (Triple)	84.25 x 77.125	H-LC40	0.18	0.16	7.52	+40/-40	NAFS 05, 08, 11	FL16100	In Process	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	In Process	WZ II	Yes
	107.5 x 73.5	H-LC35	0.26	0.17	5.43	+35/-35	NAFS 05, 08, 11	FL16100		WZII	Yes
	107.5 x 73.5	H-LC50	0.26	0.17	7.52	+50/-50	NAFS 05, 08, 11	FL16100		WZ III	Yes
	121 x 77.125	H-LC45	0.16	0.14	7.52	+45/-45	NAFS 05, 08, 11	FL16100	In Process	WZ III	Yes

Compression Tape Glazing
Two-Sided Tape Glazing
Requires Tempered Glass
Impact Rated
Can contain any combination of Fixed or Single Hung units

Test Standards

ANSI/AAMA/NWDDA 101/I.S.2-97
ANSI/AAMA/WDMA 101/I.S.2-02 (NAFS-02)
AAMA/WDMA/CSA 101/I.S.2/A440-05 (NAFS-05)
AAMA/WDMA/CSA 101/I.S.2/A440-08 (NAFS-08)
AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS-11)
AAMA 506-06
AAMA 506-08

Performance Class Designations

R - Residential
LC - Light Commercial



For more information, call 888-9PLYGEM.