1500**Vinyl**Collection

Single Hung Impact Windows

IMPACT

Building choice into every view.

Ply Gem®
WINDOWS

1500 Single Hung Impact Windows

Protect your home

- Traditional or contemporary frame design

- Sizes to meet your needs

- Passes ASTM E1886/E1996 Large missile Impact Tests to secure your home

- Laminated glass with PVB inner layer to maintain seal in high-impact situations

- Egress Size: 3050SH, 4040SL

Relax. It's a 1500 Vinyl Collection Impact Window. For homeowners, it means added protection. For builders, rest assured you'll get the support you need — from a window line that meets tough coastal codes, and the company that builds them.

Color options

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

WHITE EXT / WHITE INT
BLACK EXT / WHITE INT
DARK BRONZE EXT / WHITE INT
BEIGE EXT / BEIGE INT
BEIGE EXT / WHITE INT
CLAY EXT / CLAY INT
CLAY EXT / WHITE INT

FrameOptions

Brickmould

Beveled

Flat

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

WindowAnatomy

Multi-chamber construction with fusion-welded sash and frame

Sloped sill drains water away from home exterior

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

Thermal Performance

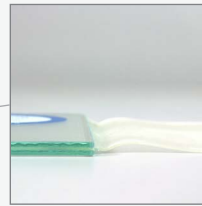| 1500 Impact Thermal Performance Summary Values shown are for 7/8" dual pane 3.0mm, 3.0mm / 0.090lami / 3.0mm, no grilles		
Warm Edge Spacer	**U-factor**	**SHGC**
Low-E impact	0.36	0.28
Low-E^{SC} impact	0.35	0.22
HP impact	0.32	0.28
HP^{SC} impact	0.31	0.21
Low-E2+ impact	0.31	0.27
Low-E2+^{SC} impact	0.31	0.21
HP2+ impact	0.28	0.27
HP2+^{SC} impact	0.28	0.21
Warm Edge Spacer (metal)	**U Factor**	**SHGC**
Low-E impact	0.35	0.28
Low-E^{SC} impact	0.35	0.22
HP impact	0.31	0.28
HP^{SC} impact	0.31	0.21
Low-E2+^{SC} impact	0.30	0.21
HP2+^{SC} impact	0.27	0.21

easyinstall
for a quick, correct fit

- **Alignment clips**
- **Integral mull**
- **Double utility trim**
- **Integral J-channel or flange**
- **Drywall receiver and return**
- **Accessory grooves**
- **Protective construction film**

Window**Highlights**

LIMITED 10 YEAR WARRANTY

10 YEAR ·GLASS· WARRANTY

H-LC 50 CERTIFIED

Laminated Glass
Our impact glass uses technology similar to a car windshield with the glass bonded using heat and pressure to a PVB inner layer.

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

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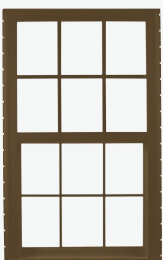Sashes lock tightly together to help keep out intruders and inclement weather.

Forced-Entry Resistant Locks
Enhanced security locks meet tough AAMA forced entry requirements. Auto-lock* option available.

Auto Lock*

Interior

Exterior

Building choice into every view.

Window**Specs**

Building choice into every view

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
Optional double utility trim simplifies siding installation
Custom, traditional and block 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
Constant force coil balances
Dual lift rails for easy operation
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}
Optional Warm Edge+ spacers
Configurable STC values up to 31
Obscure and rain options
EZ Clean option

GRILLES

GBG (Grilles Between Glass) 3/4" Flat, 5/8" or 1" Sculptured
SDL (Simulated Divided Light) 7/8" or 1¼" 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

PERFORMANCE CERTIFICATIONS

FLORIDA APPROVED FL16103
For a list of Ply Gem's Florida approved
products visit floridabuilding.org.
Single hung FL16103
Sliding FL16102
Fixed FL16104

CANADIAN STANDARDS ASSOCIATION CERTIFIED

1500 Impact									
NAFS/AAMA Industry Product Performance Testing Chart									
Product Type	Impact Test Unit Size (inches)	Overall Rating	Air Infiltration (scfm/ft)	Air Exfiltration (scfm/ft)	Water Pressure (psf)	Structural Pressure (psf)	Test Standard(s)	Florida Approval	TDI Approval
Single Hung	38 x 77.125	H-LC50	0.11	0.05	7.52	+50/-60	AAMA 506-06, 08	FL16103	WIN-1771
	52.125 x 62	H-LC50	0.28	0.19	7.52	+50/-60	AAMA 506-06, 08	FL16103	
	52.125 x 71	H-LC50	0.28	0.19	7.52	+50/-50	AAMA 506-06, 08	FL16103	
Horizontal Slider (XO)	63 x 48	HS-LC50	0.08	0.07	7.52	+60/-60	AAMA 506-06, 08	FL16102	
Fixed Window	60 x 72	FW-LC50	0.00	0.00	12.11	+50/-60	AAMA 506-06, 08	FL16104	WIN-1768

Impact units require specified glazing material, impact laminated glass, hardware and reinforcements.

MADE IN USA   WDMA   National Fenestration Rating Council   U.S. Green Building Council MEMBER

For more information, call 888-9PLYGEM.

Ply Gem®

SIDING + ACCESSORIES | WINDOWS + DOORS | STONE VENEER | TRIM + MOULDINGS | FENCE + RAILING | ROOFING