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.

Frame**Options**

Brickmould

Beveled

Flat

Window**Anatomy**

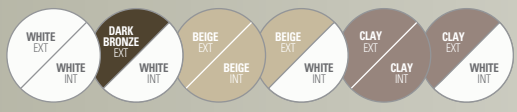
Multi-chamber construction with fusion-welded sash and frame

Sloped sill drains water away from home exterior

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

Color options

*New exterior colors are on brickmould and flat casing only.



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

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

ENERGY STAR PARTNER

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

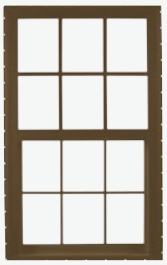
WindowHighlights

LIMITED 10 YEAR WARRANTY

10 YEAR GLASS WARRANTY

H-LC 50 CERTIFIED

Interior



Exterior

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

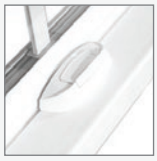
Aligns and holds frame in place during installation; enables one person to center smaller windows.

Interlocking Sashes

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

Forced-Entry Resistant Locks

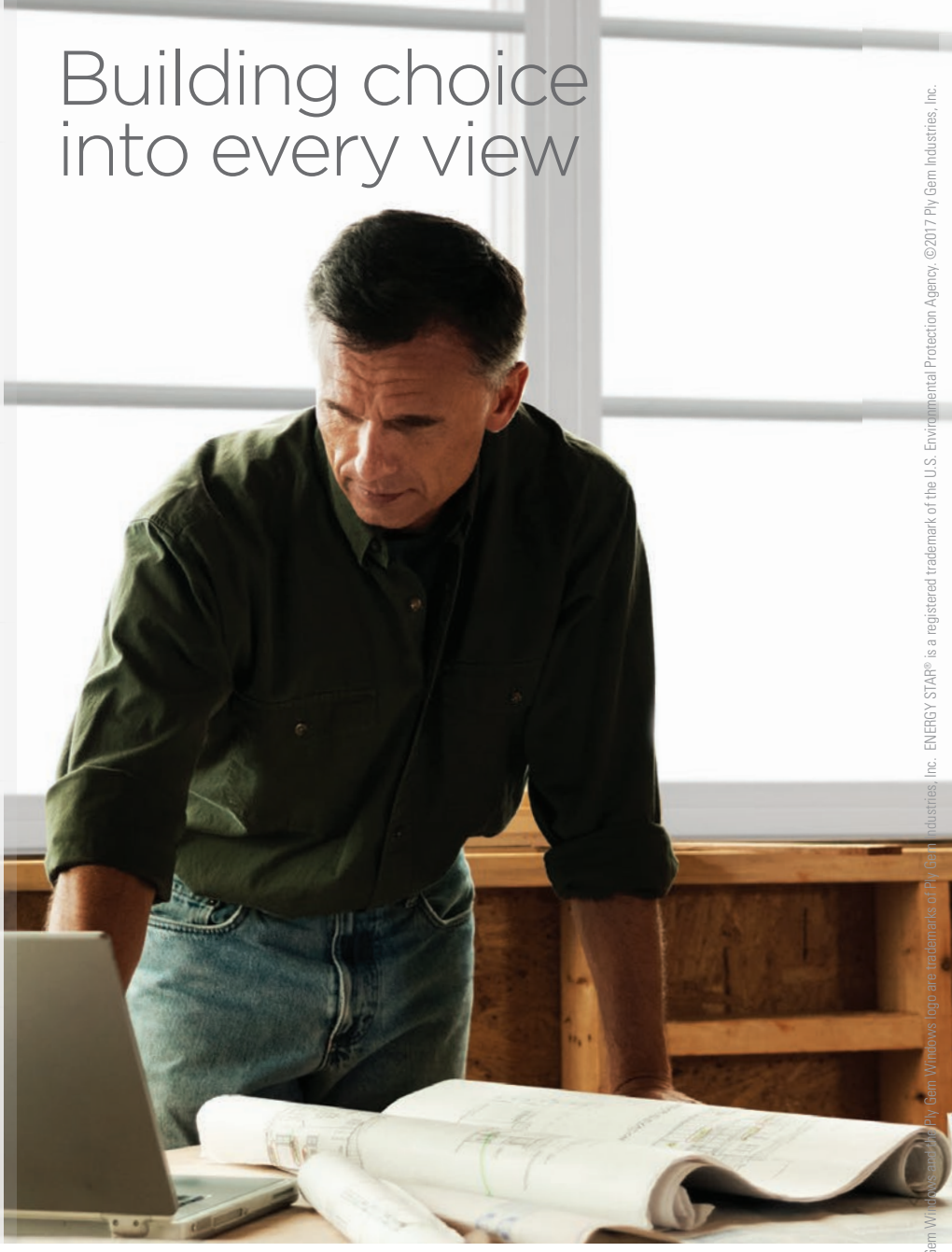
Enhanced security locks meet tough AAMA forced entry requirements. Auto-lock* option available.



Auto Lock*

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}
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 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

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

For more information, call 888-9PLYGEM.

Ply Gem®

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

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