1500 Vinyl Collection
Single Hung Impact Windows

Building choice into every view.
**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)*

### 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

### Color Options

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

- **DOVE**
- **GREY**
- **EXT**
- **WHITE**
- **INT**
- **CLAY**
- **EXT**
- **CLAY**
- **INT**
- **ALMOND**
- **EXT**
- **ALMOND**
- **INT**
- **DARK BRONZE**
- **EXT**
- **WHITE**
- **INT**
- **BLACK**
- **EXT**
- **WHITE**
- **INT**
- **WHITE**
- **EXT**
- **WHITE**
- **INT**

### Grille Types

- GBG Grilles
- SDL Grilles

Also available with no grilles.

- 3/4” Flat, 5/8” or 1” Sculptured
- 7/8” or 1-1/4” SDL with Shadow Bar

### Thermal Performance

**1500 Impact Thermal Performance Summary**

<table>
<thead>
<tr>
<th></th>
<th>Low-E impact</th>
<th>Low-E&lt;sub&gt;2+&lt;/sub&gt; impact</th>
<th>HP impact</th>
<th>HP&lt;sub&gt;2+&lt;/sub&gt; impact</th>
<th>Low-E&lt;sub&gt;2+&lt;/sub&gt;SC impact</th>
<th>HP2+ impact</th>
<th>SHGC</th>
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<tbody>
<tr>
<td>Warm Edge Spacer</td>
<td>0.36</td>
<td>0.35</td>
<td>0.32</td>
<td>0.28</td>
<td>0.30</td>
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<tr>
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<td>0.35</td>
<td>0.31</td>
<td>0.28</td>
<td>0.31</td>
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<tr>
<td>HP</td>
<td>0.31</td>
<td>0.31</td>
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<tr>
<td>HP&lt;sub&gt;2+&lt;/sub&gt;</td>
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<td>0.31</td>
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<tr>
<td>Low-E&lt;sub&gt;2+&lt;/sub&gt;SC</td>
<td>0.30</td>
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<tr>
<td>HP2+SC</td>
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<td>0.28</td>
<td>0.28</td>
<td>0.28</td>
<td>0.31</td>
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<td>0.22</td>
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</table>

**Warm Edge Spacer (metal)**

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<tr>
<th></th>
<th>Low-E impact</th>
<th>Low-E&lt;sub&gt;2+&lt;/sub&gt; impact</th>
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<td>0.31</td>
<td>0.28</td>
<td>0.30</td>
<td>0.28</td>
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<tr>
<td>Low-E&lt;sub&gt;2+&lt;/sub&gt;</td>
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<td>0.31</td>
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<tr>
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<tr>
<td>Low-E&lt;sub&gt;2+&lt;/sub&gt;SC</td>
<td>0.30</td>
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<td>0.30</td>
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<td>0.28</td>
</tr>
<tr>
<td>HP2+SC</td>
<td>0.28</td>
<td>0.28</td>
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<td>0.28</td>
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</table>
**Window Highlights**

- **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.

**easy install**

for a quick, correct fit

- Alignment clips
- Integral mull
- Double utility trim
- Integral J-channel
- 1/2” flange for block installs
- Drywall receiver and return
- Accessory grooves
- Protective construction film

Building choice into every view.
WindowSpecs

BUILDING CHOICE INTO EVERY VIEW

FRAME
- 3 1/2” dual-wall brickmould frame depth
- 2 1/8” beveled frame depth
- 1 1/8” integral nail fin set back
- Optional 1/2” flush flange for block installs
- Optional 3 1/4” 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
- Optional 3 1/2” flat casing
- Optional double utility trim simplifies siding installation

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-E2+, Low-E2+SC, HP, HPSC, HP2+, HP2+SC
- Optional Warm Edge+ spacers
- Configurable STC values up to 31
- Obscure and rain options

GRILLES
- GBG (Grilles Between Glass) ¾” Flat, 5/8” or 1” Sculptured
- SDL (Simulated Divided Light) 7/8” or 1 ¼” with Shadow Bar
- Colonial, 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

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Impact Test Unit Size (inches)</th>
<th>Overall Rating</th>
<th>Air Infiltration (scfm/ft)</th>
<th>Air Exfiltration (scfm/ft)</th>
<th>Water Pressure (psf)</th>
<th>Structural Pressure (psf)</th>
<th>Test Standard(s)</th>
<th>Florida Approval</th>
<th>TDI Approval</th>
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<tbody>
<tr>
<td>Single Hung</td>
<td>38 x 77.125</td>
<td>H-LC50</td>
<td>0.11</td>
<td>0.05</td>
<td>7.52</td>
<td>+50/-60</td>
<td>AAMA 506-06, 08</td>
<td>FL16103</td>
<td>WIN-1771</td>
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<tr>
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<td>52.125 x 62</td>
<td>H-LC50</td>
<td>0.28</td>
<td>0.19</td>
<td>7.52</td>
<td>+50/-60</td>
<td>AAMA 506-06, 08</td>
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<td></td>
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<td>H-LC50</td>
<td>0.28</td>
<td>0.19</td>
<td>7.52</td>
<td>+50/-50</td>
<td>AAMA 506-06, 08</td>
<td>FL16103</td>
<td>WIN-1771</td>
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<tr>
<td>Horizontal Slider (XO)</td>
<td>63 x 48</td>
<td>HS-LC50</td>
<td>0.08</td>
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<td>Fixed Window</td>
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<td>+50/-60</td>
<td>AAMA 506-06, 08</td>
<td>FL16104</td>
<td>WIN-1788</td>
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</tbody>
</table>

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