1500 Vinyl Collection
Single Hung Impact Windows

Building choice into every view.
1500 Single Hung Impact Windows

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

Grille Types

- GBG Grilles
- SDL Grilles

Color Options

- DOVE
- GREY EXT
- WHITE INT
- CLAY EXT
- CLAY INT
- BEIGE EXT
- BEIGE INT
- DARK BRONZE EXT
- WHITE INT
- BLACK EXT
- WHITE INT
- WHITE EXT
- WHITE INT

Thermal Performance

<table>
<thead>
<tr>
<th>1500 Impact Thermal Performance Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Values shown are for 7/8” dual pane 3.0mm, 3.0mm/0.090lami/3.0mm, no grilles</td>
</tr>
<tr>
<td>Warm Edge Spacer</td>
</tr>
<tr>
<td>------------------</td>
</tr>
<tr>
<td>Low-E impact</td>
</tr>
<tr>
<td>Low-E2+ impact</td>
</tr>
<tr>
<td>HP impact</td>
</tr>
<tr>
<td>HP2+ impact</td>
</tr>
<tr>
<td>Low-E2+SC impact</td>
</tr>
<tr>
<td>HP2+SC impact</td>
</tr>
<tr>
<td>Warm Edge Spacer (metal)</td>
</tr>
<tr>
<td>Low-E impact</td>
</tr>
<tr>
<td>Low-E2+ impact</td>
</tr>
<tr>
<td>HP impact</td>
</tr>
<tr>
<td>HP2+ impact</td>
</tr>
<tr>
<td>Low-E2+SC impact</td>
</tr>
<tr>
<td>HP2+SC impact</td>
</tr>
</tbody>
</table>

*Some restrictions may apply.
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 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. Auto-lock* option available.

Building choice into every view.
Window Specs

FRAME
- 3 1/2" dual-wall brickmould frame depth
- 2 5/8" beveled frame depth
- 1 3/4" 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
- 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 single 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, HP+2, HP+2+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, 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>
</tr>
</thead>
<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>
<td></td>
<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>
<td>FL16103</td>
<td>WIN-1771</td>
</tr>
<tr>
<td></td>
<td>52.125 x 71</td>
<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>
</tr>
<tr>
<td>Horizontal Slider (XO)</td>
<td>63 x 48</td>
<td>HS-LC50</td>
<td>0.08</td>
<td>0.07</td>
<td>7.52</td>
<td>+60/-60</td>
<td>AAMA 506-06, 08</td>
<td>FL16102</td>
<td>WIN-1768</td>
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<td>Fixed Window</td>
<td>60 x 72</td>
<td>FW-LC50</td>
<td>0.00</td>
<td>0.00</td>
<td>12.11</td>
<td>+55/-55</td>
<td>AAMA 506-06, 08</td>
<td>FL16104</td>
<td>WIN-1768</td>
</tr>
<tr>
<td></td>
<td>48 x 80</td>
<td>FW-LC50</td>
<td>0.00</td>
<td>0.00</td>
<td>12.11</td>
<td>+55/-55</td>
<td>AAMA 506-06, 08</td>
<td>FL16104</td>
<td>WIN-1768</td>
</tr>
</tbody>
</table>

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

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