A WHOLE NEW POINT OF VIEW.
It’s more than a window. It’s a whole new point of view. At Ply Gem Windows, we have a different view for the way the window business should be run. We believe you should have access to all of the top quality styles and brands across the country. That’s why we’ve taken our entire portfolio of brands, brands that you know and trust, and given them one name – Ply Gem Windows. With this one name comes a lot of big advantages, starting with a national manufacturing and distribution network. Pair that with our commitment to customer service, sustainable practices and wide variety of window styles that fit all of your design needs, and you’ll get the right window for every project and every budget.

And, because we’re part of the Ply Gem family, you know you’ll always have access to leading brands. Windows, doors, siding and accessories, stone veneer, fence and rail, rainware, shutters and designer accents, we have something for every project. We work with residential builders, remodelers, architects, distributors and dealers to help build sales. When you combine more than 50 years of experience, industry-leading customer service, and trusted local relationships, you’ve got a company you can count on. Ply Gem. Building products. Building success.
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If you’re looking for a window that delivers the best possible performance at the best possible value, look no further than Ply Gem Windows Builder Series. It’s energy-efficient, virtually maintenance-free and can withstand the toughest tests, including the test of time. Combine that quality with our commitment to customer service and you’ve got a company that knows how to deliver exactly what you want.
If you’re looking for a window that delivers the best possible performance at the best possible value, look no further than Ply Gem Windows Builder Series. It’s energy efficient, offers a variety of material choices, most of which are virtually maintenance free and can withstand the toughest tests, including the test of time. Plus, with our service and support you’ll be able to get the job done the right way on time and on budget.
STANDARD FEATURES

- Virtually maintenance-free extruded aluminum construction with electrostatically applied finish.
- Sloped sill allows for proper water drainage to the exterior.
- Sleek profile provides larger viewing area.
- Interior glazing allows for easier glass replacement.
- Side loading removable bottom sash.
- Block and tackle balance for smooth operation.
- Energy-efficient warm edge insulating glass for enhanced performance.
- 2” or 2 7/16” frame depth (see chart below).
- Structural meeting rail provides rigid stability and allows for a tighter, weather-resistant unit.
- Dual lift rails on bottom sash for easy operation.
- Integral nailing fin for simple installation.

OPTIONS

GLASS OPTIONS:
Low-E, Low-ESC, HP, HPSC, obscure and tempered.

GRILLE OPTIONS:
Color-coordinated grilles-between-the-glass (GBG) in 5/8” and 3/4” flat.

PRODUCT CONFIGURATION:
Twins, triples, combinations, fixed and a wide selection of architectural shapes.

HARDWARE OPTION:
Safety vent latch to meet ASTM F2090-2008 requirements.

COLOR OPTIONS:

- WHITE
- ADOBE GREY
- BRONZE

NOTE: Colors shown are close approximations and may not be accurate representations for color matching. Please request color swatches from your Ply Gem sales representative to do so.

3710/3710N² THERMAL PERFORMANCE

<table>
<thead>
<tr>
<th>R Value</th>
<th>U Factor</th>
<th>SHGC</th>
<th>VT</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARM EDGE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/8” Clear</td>
<td>1.52</td>
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</tr>
<tr>
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<td>0.52</td>
<td>0.32</td>
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<td>0.25</td>
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<tr>
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</tr>
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<td>5/8” HPSC Glass</td>
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<td>0.25</td>
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</table>

3710F³ THERMAL PERFORMANCE

<table>
<thead>
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<th>R Value</th>
<th>U Factor</th>
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<td></td>
<td></td>
</tr>
<tr>
<td>5/8” Clear</td>
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<td>0.65</td>
</tr>
<tr>
<td>5/8” Low-E</td>
<td>1.89</td>
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<td>0.32</td>
</tr>
<tr>
<td>5/8” Low-ESC</td>
<td>1.89</td>
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<td>0.25</td>
</tr>
<tr>
<td>5/8” HP Glass</td>
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<tr>
<td>5/8” HPSC Glass</td>
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<td>0.25</td>
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</tbody>
</table>

All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: 5/8” IGU, 3mm glass and no grilles.

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance.

1. Available Low-E option.
2. Optional HP Glass combines Low-E with argon gas fill for high performance.
3. 3710 and 3710N units feature a 2” frame depth.
4. 3710F units feature a 2 7/16” frame depth.
MORE VALUE. MORE PERFORMANCE. MORE SOLUTIONS.

If you’re looking for a window that delivers the best possible performance at the best possible value, look no further than Ply Gem Windows Builder Series. It’s energy-efficient, offers a variety of material choices, most of which are virtually maintenance free and can withstand the toughest tests, including the test of time. Plus, with our service and support you’ll be able to get the job done the right way on time and on budget.
STANDARD FEATURES

- Virtually maintenance-free extruded aluminum construction with electrostatically applied finish
- Removable sash
- Sleek profile provides larger viewing area
- Interior glazing allows for easier glass replacement
- Energy-efficient Warm Edge insulating glass
- 2’ frame depth
- Structural meeting rail provides rigid stability and allows for a tighter, weather-resistant unit
- Push rail located at meeting rail
- Integral nailing fin (shown) or flange for simple installation

OPTIONS

GLASS OPTIONS:
- Low-E, Low-ESC, HP, HPSC, Warm Edge+, obscure and tempered

GRILLE OPTIONS:
- Color-coordinated grilles-between-the-glass (GBG) in 5/8” and 3/4” flat

PRODUCT CONFIGURATION:
- Two different picture configurations (¼–½–¼ or 1⁄3–1⁄3–1⁄3)

COLOR OPTIONS:
- Available Low-E option.
- Optional Low-ESC features Solar Cooling optimized Low-E for warmer climates.
- Optional HP Glass combines Low-E with argon gas fill for high performance.
- Optional HPSC Glass combines Solar Cooling optimized Low-E with argon gas fill for high performance for warmer climate zones.

NOTE: Colors shown are close approximations and may not be accurate representations for color matching. Please request color swatches from your Ply Gem sales representative to do so.

THERMAL PERFORMANCE

<table>
<thead>
<tr>
<th>Glass Type</th>
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<tr>
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<td>0.50</td>
<td>0.25</td>
<td>0.45</td>
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</tbody>
</table>

All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: 5/8” IGU, 3mm glass and no grilles.

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance
4712 SERIES SINGLE HUNG

MORE VALUE. MORE PERFORMANCE. MORE SOLUTIONS.

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4712 SERIES SINGLE HUNG

**STANDARD FEATURES**

- Virtually maintenance-free extruded aluminum construction with electrostatically applied finish
- Sleek profile provides larger viewing area
- Interior glazing allows for easier glass replacement
- Side load removable bottom sash
- Block and tackle balance system
- Energy-efficient Warm Edge insulating glass
- Sloped sill allows for proper water drainage to the exterior
- Structural meeting rail provides rigid stability and allows for a tighter, weather-resistant unit
- Frame depth available in 27⁄16”
- Dual lift rails on bottom sash for easy operation
- Flange (shown) or integral nailing fin for simple installation

**OPTIONS**

**GLASS OPTIONS:**
- Low-E, Low-ESC, HP, HPSC, obscure and tempered

**GRILLE OPTIONS:**
- Color-coordinated grilles-between-the-glass (GBG) in 5/8” and 3/4” flat

**PRODUCT CONFIGURATION:**
- Matching side lites, fixed panels, transoms, segmented transoms and a wide selection of architectural shapes

**HARDWARE OPTION:**
- Safety vent latch to meet ASTM F2090-2008 requirements

**COLOR OPTIONS:**

All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: IGU specified in chart, 3mm glass and no grilles.

**4712 SERIES THERMAL PERFORMANCE**

<table>
<thead>
<tr>
<th>R Value</th>
<th>U Factor</th>
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<th>VT</th>
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</thead>
<tbody>
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<tr>
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</tr>
<tr>
<td>3/4” Low-ESC</td>
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<td>0.54</td>
<td>0.24</td>
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<tr>
<td>3/4” HP Glass</td>
<td>2.00</td>
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<td>0.31</td>
</tr>
<tr>
<td>3/4” HPSC Glass</td>
<td>2.00</td>
<td>0.50</td>
<td>0.24</td>
</tr>
</tbody>
</table>

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance

1. Optional Low-E and Low-ESC (solar cooling) glass options.
2. Optional HP and HPSC (solar cooling) Glass packages combine.
3. Low-E glass options with argon gas fill for high performance.
4. Meets Florida building codes for certain zones. Consult your local codes for specific requirements.
5. Impact Rated units are available in select sizes and configurations.
6. 4712F/FL is available in white and bronze, not adobe grey.

NOTE: Colors shown are close approximations and may not be accurate representations for color matching. Please request color swatches from your Ply Gem sales representative to do so.

**SINGLE HUNG SELECTION GUIDE**
4720 SERIES SLIDING WINDOW

BUILDERS SERIES 4720 SERIES ALUMINUM SLIDING WINDOWS are available in two different picture configurations (1/4–1/2–1/4 or 1/3–1/3–1/3).
### FEATURES

1. Virtually maintenance-free extruded aluminum construction with electrostatically applied finish.
2. Removable sash.
3. Sleek profile provides larger viewing area.
4. Interior glazing allows for easier glass replacement.
5. Energy-efficient Warm Edge insulating glass.
6. 2 3/16" frame depth.
7. Structural meeting rail provides rigid stability and allows for a tighter, weather-resistant unit.
8. Push rail located at meeting rail.
9. Integral nailing fin (shown) or flange for simple installation.

4720 series sliding windows are designed for high wind and are Florida approved. Manufactured out of virtually maintenance-free extruded aluminum with a long-lasting electrostatically applied finish.

### SLIDING WINDOW SELECTION GUIDE

<table>
<thead>
<tr>
<th>SERIES</th>
<th>NAIL FIN SETBACK</th>
<th>HIGH WIND ZONE</th>
<th>FLORIDA APPROVED</th>
<th>WOOD SIDES</th>
<th>BRICK</th>
<th>BLOCK</th>
<th>EIFS</th>
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<tr>
<td>4720FL</td>
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### 4720 SERIES THERMAL PERFORMANCE

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<th>R Value</th>
<th>U Factor</th>
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<th>VT</th>
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<tbody>
<tr>
<td>WARM EDGE</td>
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<tr>
<td>3/4&quot; IGU Clear</td>
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<tr>
<td>3/4&quot; IGU Low-E</td>
<td>1.85</td>
<td>0.54</td>
<td>0.31</td>
<td>0.56</td>
</tr>
<tr>
<td>3/4&quot; IGU Low-E&lt;sup&gt;SC&lt;/sup&gt;</td>
<td>1.85</td>
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<td>0.24</td>
<td>0.44</td>
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<tr>
<td>3/4&quot; IGU HP</td>
<td>1.96</td>
<td>0.51</td>
<td>0.31</td>
<td>0.56</td>
</tr>
<tr>
<td>3/4&quot; IGU HP&lt;sup&gt;SC&lt;/sup&gt;</td>
<td>2.00</td>
<td>0.50</td>
<td>0.24</td>
<td>0.44</td>
</tr>
</tbody>
</table>

1. Optional Low-E upgrade for better performance.
2. Optional Low-E<sup>SC</sup> (solar cooling optimized) upgrade for increased performance.
4. Optional HP<sup>SC</sup> Glass upgrade combines solar cooling optimized Low-E with argon gas fill for high performance.
5. Meets Florida building codes for certain zones. Consult your local codes for specific requirements.
If you're looking for a door that delivers the best possible performance at the best possible value, look no further than Ply Gem Windows Builder Series. It’s energy efficient and offers a variety of material choices, most of which are virtually maintenance free and can withstand the toughest tests, including the test of time. Plus, with our service and support you’ll be able to get the job done the right way, on time, and on budget.
STANDARD FEATURES

- Virtually maintenance-free extruded aluminum construction with electrostatically applied finish
- Available with or without nail fin (shown without; 7/8" or 1-3/8" setback)
- Knockdown frame to field assemble
- Reversible (before installation)
- Mortise lockset – stylish, functional and adjustable
- Adjustable tandem rollers for a more effortless operation and fine-tuning the fit and operation
- 5-9/16" frame depth
- Energy-efficient Warm Edge insulating tempered glass

OPTIONS

GLASS OPTIONS:
- Low-E, Low-ESC, HP, HPSc and obscure

GRILLE OPTIONS:
- Color-coordinated grilles between-the-glass (GBG) in 5/8" and 3/4" flat

PRODUCT CONFIGURATION:
- Matching side lites, fixed panels, transoms, segmented transoms and a wide selection of architectural shapes. Available in optional pocket door configuration with one panel, two panels or three panels. Optional sill riser for improved water performance.

COLOR OPTIONS:
- WHITE
- ADOBE GREY
- BRONZE

All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: 5/8" IGU, 3mm glass and no grilles.

**THERMAL PERFORMANCE**

<table>
<thead>
<tr>
<th>NFRC CERTIFIED</th>
<th>R Value</th>
<th>U Factor</th>
<th>SHGC</th>
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<td></td>
</tr>
<tr>
<td>5/8&quot; IGU Clear</td>
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<td>5/8&quot; IGU Low-E</td>
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<td>0.24</td>
<td>0.47</td>
</tr>
</tbody>
</table>

NOTE: Colors shown are close approximations and may not be accurate representations for color matching.

1. Optional Low-E and Low-ESC (solar cooling) glass options.
2. Optional HP and HPSc (solar cooling) Glass packages combine Low-E glass options with argon gas fill for high performance.
3. Meets Florida building codes for certain zones. Consult your local codes for specific requirements.
4810F SINGLE HUNG

MORE VALUE. MORE PERFORMANCE. MORE SOLUTIONS.

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4810F SERIES
SINGLE HUNG

STANDARD FEATURES

• Thermally broken aluminum frame with polyurethane poured in place and debridged to reduce thermal conductivity of aluminum frame
• Virtually maintenance-free extruded aluminum construction with electrostatically applied finish
• Sloped sill allows for proper water drainage to the exterior
• Sleek profile provides larger viewing area
• Interior glazing allows for easier glass replacement
• Side load removable bottom sash
• Block and tackle balance system
• Energy-efficient Warm Edge insulating glass
• Structural meeting rail provides rigid stability and allows for a tighter, weather-resistant unit
• Dual lift rails on bottom sash for easy operation
• Frame depth available in 2 1/4"
• Integral nailing fin with a 1 3/8" setback for simple installation

OPTIONS

GLASS OPTIONS:
Low-E, Low-E<sup>SC</sup>, HP, HP<sup>SC</sup>, obscure and tempered

GRILLE OPTIONS:
Color-coordinated grilles-between-the-glass (GBG) in 1/2" and 3/4" flat

PRODUCT CONFIGURATION:
Matching side lites, fixed panels, transoms, segmented transoms and a wide selection of architectural shapes

HARDWARE OPTION:
Safety vent latch to meet ASTM F2090-2008 requirements

COLOR OPTIONS:

1. Available Low-E option.
2. Optional Low-E<sup>SC</sup> features Solar Cooling optimized Low-E for warmer climates.
5. Impact Rated units are available in select sizes and configurations.
6. Meets Florida building codes for certain zones. Consult your local codes for specific requirements.

4810F SERIES THERMAL PERFORMANCE

<table>
<thead>
<tr>
<th></th>
<th>R Value</th>
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<th>SHGC</th>
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</tr>
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<td>3/4&quot; Clear</td>
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<tr>
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All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: 3/4" IGU, 3mm glass and no grilles.

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance

NOTE: Colors shown are close approximations and may not be accurate representations for color matching. Please request color swatches from your Ply Gem sales representative to do so.

SINGLE HUNG SELECTION GUIDE

<table>
<thead>
<tr>
<th>SERIES</th>
<th>NAIL FIN SETBACK</th>
<th>NSG</th>
<th>HIGH WIND ZONE</th>
<th>FLORIDA APPROVED</th>
<th>WOOD SIDING</th>
<th>BRICK</th>
<th>EIFS</th>
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</table>
If you’re looking for a window that delivers the best possible performance at the best possible value, look no further than Ply Gem Windows Builder Series. It’s energy efficient, offers a variety of material choices, most of which are virtually maintenance free and can withstand the toughest tests, including the test of time. Plus, with our service and support you’ll be able to get the job done the right way on time and on budget.
4820F SLIDING WINDOW

THERMAL PERFORMANCE

<table>
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<tr>
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<td></td>
<td></td>
</tr>
<tr>
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<td>1.54</td>
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<td>0.66</td>
</tr>
<tr>
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</tr>
<tr>
<td>3/4” Low-ESC</td>
<td>2.00</td>
<td>0.50</td>
<td>0.24</td>
<td>0.44</td>
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<tr>
<td>3/4” HP Glass</td>
<td>2.17</td>
<td>0.46</td>
<td>0.31</td>
<td>0.56</td>
</tr>
<tr>
<td>3/4” HPSC Glass</td>
<td>2.17</td>
<td>0.46</td>
<td>0.24</td>
<td>0.44</td>
</tr>
</tbody>
</table>

STANDARD FEATURES

- Thermally broken aluminum frame with polyurethane poured in place and debridged to reduce thermal conductivity of aluminum frame
- Virtually maintenance-free extruded aluminum construction with electrostatically applied finish
- Sleek profile provides larger viewing area
- Interior glazing allows for easier glass replacement
- Energy-efficient Warm Edge insulating glass
- Frame depth available in 2/32”
- Structural meeting rail provides rigid stability and allows for a tighter, weather-resistant unit
- Push rail located at meeting rail
- Integral nailing fin with a 1/8” setback for simple installation

OPTIONS

GLASS OPTIONS:
Low-E, Low-ESC, HP, HPSC, obscure and tempered

GRILLE OPTIONS:
Color-coordinated grilles between-the-glass (GBG) in 3/4” and 1/2” flat

PRODUCT CONFIGURATION:
Two different picture configurations (1/4–1/2–1/4 or 1/3–1/3–1/3)

COLOR OPTIONS:
WHITE, ADOBE GREY, BRONZE

NOTE: Colors shown are close approximations and may not be accurate representations for color matching. Please request color swatches from your Ply Gem sales representative to do so.

All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: 3/4” IGU, 3mm glass and no grilles.

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance

1. Available Low-E option.
2. Optional Low-ESC features Solar Cooling optimized Low-E for warmer climates.
ELEGANCE AND VALUE.

Our Builder Series 4880 Pocket Door provides an elegant glass wall when closed, and opens wide to maximize your home's transitional living, allowing more indoor/outdoor living options. Named Professional Builder's 101 Best New Products, it opens up to 16' wide and 8' tall. This affordable thermally-enhanced aluminum pocket door is ideal for homes in southern and southwest markets.
STANDARD FEATURES

• Virtually maintenance-free extruded aluminum thermally-broken construction with electrostatically applied finish
• Available in standard and custom sizes up to 16' x 8'
• Knockdown frame standard with individually packaged panels for ease of handling
• Standard panel widths 2-6, 3-0 or 4-0
• Standard energy-efficient Warm Edge spacer or optional Warm Edge Plus spacer
• Mortise lockset – stylish, functional and adjustable
• Adjustable tandem rollers for a more effortless operation and fine-tuning the fit and operation

OPTIONS

GLASS OPTIONS:
Low-E, Low-Esc, Low-E2+, Low-Esc2+, HP, HPsc, HP2+, HPsc2+

GRILLE OPTIONS:
Color-coordinated grilles-between-the-glass (GBG) in 5/8” and 3/4” flat

PRODUCT CONFIGURATION:
Pocket doors can be configured with one, two, three, or four panels—all operating; independant framing required for side lites, transoms, segmented transoms and a wide selection of architectural shapes. Also available as two, three, and four panel bypass doors.

COLOR OPTIONS:

NOTE: Colors shown are close approximations and may not be accurate representations for color matching.

THERMAL PERFORMANCE

<table>
<thead>
<tr>
<th></th>
<th>U Factor</th>
<th>SHGC</th>
<th>VT</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARM EDGE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/4&quot; IGU Clear</td>
<td>1.67</td>
<td>0.60</td>
<td>0.62</td>
</tr>
<tr>
<td>3/4&quot; IGU Low E</td>
<td>2.13</td>
<td>0.47</td>
<td>0.29</td>
</tr>
<tr>
<td>3/4&quot; IGU Low ESC</td>
<td>2.17</td>
<td>0.46</td>
<td>0.23</td>
</tr>
<tr>
<td>3/4&quot; IGU Low ESC 2+</td>
<td>2.38</td>
<td>0.42</td>
<td>0.28</td>
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<tr>
<td>3/4&quot; IGU Low ESC 2+</td>
<td>2.38</td>
<td>0.42</td>
<td>0.22</td>
</tr>
<tr>
<td>3/4&quot; IGU HP</td>
<td>2.33</td>
<td>0.43</td>
<td>0.29</td>
</tr>
<tr>
<td>3/4&quot; IGU HPSC</td>
<td>2.33</td>
<td>0.43</td>
<td>0.22</td>
</tr>
<tr>
<td>3/4&quot; IGU HP 2+</td>
<td>2.50</td>
<td>0.40</td>
<td>0.28</td>
</tr>
<tr>
<td>3/4&quot; IGU HPSC 2+</td>
<td>2.56</td>
<td>0.39</td>
<td>0.21</td>
</tr>
</tbody>
</table>

|                | U Factor | SHGC | VT  |
| WARM EDGE+     |          |      |     |
| 3/4" IGU Low E | 2.17     | 0.46 | 0.29|
| 3/4" IGU Low ESC | 2.17 | 0.46 | 0.23|
| 3/4" IGU Low ESC 2+ | 2.38 | 0.42 | 0.28|
| 3/4" IGU Low ESC 2+ | 2.38 | 0.42 | 0.23|
| 3/4" IGU HP   | 2.33     | 0.43 | 0.29|
| 3/4" IGU HPSC | 2.33     | 0.43 | 0.22|
| 3/4" IGU HP 2+ | 2.56     | 0.39 | 0.28|
| 3/4" IGU HPSC 2+ | 2.56 | 0.39 | 0.21|

All units are NAMI certified and rated in accordance with NFRC 100/200 standards by an AAMA accredited lab. Performance values reflect the performance of units tested with the following configuration: 3/4” IGU, 3mm glass and no grilles.

R VALUE: Restrictive ambient air flow; U FACTOR: Rate of heat loss; SHGC: Solar Heat Gain Coefficient; VT: Visible Transmittance

1. Optional Low-E and Low-E2+ (solar cooling) glass options.
2. Optional HP and HPsc (solar cooling) Glass packages combine Low-E glass options with argon gas fill for high performance. HP2+ and HPsc2+ glass packages combine 2 surfaces of Low-E glass and argon for high performance.
3. Meets Florida building codes for certain zones. Consult your local codes for specific requirements.
GLASS OPTIONS

- Low-E
- Obscure
- Low$^\text{SC}$ (Solar Cooling optimized Low-E)
- HP Glass (Low-E/argon)

SCRRENS

- HP$^\text{SC}$ Glass
- Tempered$^1$
- HP$^2+$
- HP$^{sc2+}$

Builder Series screens feature color matched aluminum frames with fiberglass or wire mesh. Sliding patio door screens feature steel rollers for ease of operation.

WHAT IS LOW-E?

It is a microscopically thin, virtually invisible metallic oxide layer deposited on a window glazing surface. Low-E can reduce heating and cooling bills while dramatically improving overall comfort.

1. Tempered glass is standard on sliding patio doors.
IMPACT RATED
WINDOWS & DOORS

• **4712FIR/FLIR impact single hung units** are constructed to meet H-R50 performance.

• **4720FIR impact sliding window units** are constructed to meet HS-R50 up to 72” x 48” XO performance.

• **4810FIR impact single hung units** are constructed to meet H-LC40 performance.

• Rated in accordance with the International Residential Codes and meet impact requirements in U.S. Zone 2 (110-120 mph) and Zone 3 (120-140 mph).

• Passes ASTM E1886/1996 Large Missile Impact and Cycling Tests.

• Meets AAMA/WDMA/CSA 101/1.S.2/A440 standard. 4712FIR/FLIR and 4720F units are Florida Building Commission Approved.
ARCHITECTURAL SHAPES

- Triangle
- Pentagon
- Full Round
- Oval
- Octagon
- Right Triangle
- Rectangle
- Eyebrow
- Elliptical
- Clip Trapezoid
- Quarter Circle
- Circle Head
- Arch Transom
- Segmented Arch Transom
- Trapezoid Transom
- Ext. Quarter Circle
- True Radius
- Arch
- Segmented Arch Picture
- Trapezoid Picture
Call customer service for optional grille patterns (800.999.8400).

STANDARD GRILLE PATTERNS

Colonial
Half Colonial (shown on Casement)
Plaza
Prairie
Perimeter Prairie

Three over Three
Three over One
Two over Two
Two over One

GRILLE STYLE OPTIONS

\(\frac{3}{8}\) Flat GBG
\(\frac{1}{2}\) Flat GBG
COLOR OPTIONS

White (interior/exterior)
Adobe Grey (interior/exterior)
Black (interior/exterior)

Colors shown may not be accurate representations. For color matching, please request color swatches from your Ply Gem sales representative.

HARDWARE OPTIONS

<table>
<thead>
<tr>
<th>Door Handle Color Options</th>
<th>White</th>
<th>Black</th>
</tr>
</thead>
<tbody>
<tr>
<td>4780 Sliding Patio Door</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4780 Sliding Pocket Patio Door</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4880 Sliding Patio Door</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4880 Sliding Pocket Patio Door</td>
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</tbody>
</table>
ENERGY STAR® Qualification Criteria

WINDOWS and DOORS

Zone U Factor SHGC

<table>
<thead>
<tr>
<th>Zone</th>
<th>U Factor</th>
<th>SHGC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northern</td>
<td>≤ 0.27</td>
<td>ANY</td>
</tr>
<tr>
<td>North-Central</td>
<td>≤ 0.30</td>
<td>≤ 0.40</td>
</tr>
<tr>
<td>South-Central</td>
<td>≤ 0.30</td>
<td>≤ 0.25</td>
</tr>
<tr>
<td>Southern</td>
<td>≤ 0.40</td>
<td>≤ 0.25</td>
</tr>
</tbody>
</table>

All units rated in accordance with NFRC 100/200 standards by a NAMI Accredited lab. Performance values reflect the performance of units tested with the following configuration: 3mm glass, no grilles and IGU thickness specified in the chart.

NOTE: Low-ESC = Solar cooling optimized Low-E
HP = Combines Low-E and argon gas fill for high performance
HPSC = Combines solar cooling optimized Low-E and argon gas fill for enhanced performance
Warm Edge+ = High performance Warm Edge+ spacer system

1. 3753/3753 units feature a standard frame.
2. 3752T units feature a thermally enhanced frame.