You need a window with more than great looks. You need a window that can perform under the harshest weather conditions. Count on Ply Gem Windows Builder Series to deliver. It offers the best possible protection at the best possible value. Each window is built to weather it all. In fact, it can even withstand the impact of wind-blown objects. Plus, you’ll get the energy-efficiency, variety of choices and virtually maintenance-free features you need to realize your vision.
TESTING & PERFORMANCE DATA

- 4812FIR series single hung units are constructed to meet H-R50 performance.
- 4810FIR series single hung units are constructed to meet H-R40 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).
- 4812FIR series single hung are Florida approved – 14184.1

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 1/16"
- Integral nailing fin with a 1 1/4" setback for simple installation

GLASS OPTIONS:
Low-E, Low-E², HP, HP², obscure and tempered

GRILLE OPTIONS:
Color-coordinated grilles-between-the-glass (GBG) in 1/8" and 3/16" 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:

<table>
<thead>
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<th>COLOR OPTIONS</th>
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<tbody>
<tr>
<td>WHITE</td>
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<tr>
<td>ADOBE GREY</td>
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<tr>
<td>BRONZE</td>
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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.

4810FIR²/4812FIR² SERIES IMPACT SINGLE HUNG

OPTIONS

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<th>SERIES</th>
<th>NAIL FIN SEAT/STICH</th>
<th>RIDG</th>
<th>H-SW/TV/DF</th>
<th>FLORIDA APPROVED</th>
<th>CONSTRUCTION TYPE</th>
<th>WOOD SIDING</th>
<th>BRICK</th>
<th>EPPS</th>
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