THE RIGHT GLASS OPTIONS FOR ANY CLIMATE

From SmartSun™ glass that blocks 95% of the sun’s harmful UV rays to PassiveSun® glass that brings the heat from sunlight into your home, there’s an Andersen glass option for every climate and every project. Check with your Andersen dealer for the selections that are ENERGY STAR® certified in your area.

### THE RIGHT GLASS OPTIONS FOR ANY CLIMATE

<table>
<thead>
<tr>
<th>GLASS</th>
<th>Energy U-Factor (How well a product prevents heat from escaping)</th>
<th>Solar Heat Gain Coefficient (How well a product blocks heat caused by sunlight)</th>
<th>Visible Light Transmittance (How much visible light comes through a product)</th>
<th>UV Protection (How well a product blocks ultraviolet rays)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SmartSun</td>
<td>● ● ● ○</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
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<tr>
<td>SmartSun with HeatLock Coating</td>
<td>Applied to the room-side surface, it reflects heat back into the home and improves U-Factors.</td>
<td></td>
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<tr>
<td>Low-E4</td>
<td>● ● ● ○</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
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</tr>
<tr>
<td>Sun</td>
<td>○ ● ● ○</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
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<tr>
<td>PassiveSun</td>
<td>○ ● ● ○</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
</tr>
<tr>
<td>Triple-Pane with Low-E coatings on two surfaces</td>
<td>● ● ● ○</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
<td>● ● ● ●</td>
</tr>
<tr>
<td>Clear Dual-Pane</td>
<td>○ ○ ○ ○</td>
<td>○ ○ ○ ○</td>
<td>○ ○ ○ ○</td>
<td>○ ○ ○ ○</td>
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</tbody>
</table>

Center of glass performance only. Ratings based on glass options as of March 2019. Visit andersenwindows.com/energystar for ENERGY STAR® map and NFRC total unit performance data.
GLASS OPTIONS

NORTHERN CLIMATES

Triple-Pane Glass
Three panes of glass combine with either argon gas blend or air and Low-E coatings to provide our most energy-efficient glass option.

Low-E & Low-E4’ Glass
Excellent thermal performance for climates where both heating and cooling costs are a concern. Energy-efficient Low-E glass options are available in all Andersen product lines.

SmartSun™ Glass
It gives you the benefits of Low-E glass, plus it helps shield your home from the sun’s heat and filters out 95% of harmful UV rays while letting sunlight shine through.

PassiveSun® Glass
A great solution for cold climates where solar heat gain is desired. Ideal for passive solar applications.

SOUTHERN CLIMATES

SmartSun® Glass
Shields your home from the sun’s heat and filters out 95% of harmful UV rays while letting sunlight shine through.

Sun Glass
It’s tinted for maximum protection from the effects of intense sunlight while providing excellent energy efficiency.

EVEN BETTER EFFICIENCY

HeatLock™ Technology
Our optional HeatLock coating can be applied to the room-side glass surface (surface #4) of our windows and doors. The coating helps reflect escaping heat back into the room, resulting in improved insulation and better U-Factors.

ADDITIONAL GLASS OPTIONS

Tempered safety glass (standard on patio doors).

Laminated glass for added strength, enhanced security and sound control.

Patterned glass can be substituted for clear glass to let in light while obscuring vision (patterns shown below).

COASTAL PROTECTION

Some Andersen products are available with impact-resistant glass and structural upgrades to meet the tough building codes of hurricane-prone coastal areas. See your local code official for specific requirements in your area.

For more information, visit andersenwindows.com/glass

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