



# Thermally Efficient Windows for Energy-Smart Homes

## Ply Gem 1500 Vinyl Collection with R-Core<sup>®</sup> Thermal System

Engineered for exceptional thermal performance in high efficiency homes, **R-Core<sup>®</sup>** is a high-density, pre-expanded polyurethane foam option that can be integrated into the window frame, sash or both to improve thermal performance.

- Delivers the **lowest U-Factor** with enhanced thermal insulation.
- **Reduces heat loss** and keeps homes more comfortable.
- **Optimized thermal performance** by improving how the frame, sash and glass work together.
- Available on **1500 Single Hung, Sliding and Picture Windows** with brickmould or bevel frame.



Scan here to learn more about the 1500 Vinyl Collection.



## INCREASED THERMAL PERFORMANCE WITH R-CORE

Enhanced U-factor simulations with HP glass and R-Core options. R-Core options are offered on all glass packages for 1500 Single Hung, Sliding, and Picture Windows with brickmould or bevel frames.

Glass Package <sup>*</sup>	U-Factor	
	Warm Edge Spacer	Warm Edge Spacer Plus (Upgrade Option)
<b>Sash &amp; Frame R-Core</b> <i>Maximum Performance</i>	0.28	0.27
<b>Frame R-Core</b> <i>Balanced Performance</i>	0.29	0.28
<b>Sash R-Core</b> <i>Targeted Upgrade</i>	0.30	0.29
<b>No R-Core</b> <i>Standard HP Glass Package</i>	0.31	0.30

<sup>\*</sup>Numbers reflect simulated testing of a 3'0" x 5'0" Single Hung with dual-pane (HP w/Low-E & argon), white interior/exterior, and no grilles.

Building code requirements may vary by location. Please verify that the selected glass package meets all applicable local codes, including IECC 2024 where adopted.