

BUILDER SERIES

W I N D O W S



5000 CASEMENT & AWNING



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 the 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.



windows.plygem.com





5000 CASEMENT & AWNING



STANDARD FEATURES

- Maintenance-free multi-chamber PVC construction with fully welded corners on sash and frame
- Fully fusion welded sash and frame for superior structural strength
- Pre-punched integral nailing fin for simple installation
- Interior accessory groove
- Energy-efficient warm edge insulating glass
- Casements are available right or left hand operating
- Single handle multi-point locking system
- Ellipse operator with stainless steel hinge track and adjustable hinges
- Casement sash opens 90° for ventilation and easy cleaning



OPTIONS

GLASS OPTIONS:

Low-E, Low-E^{SC}, HP glass, HP^{SC} glass, Warm Edge+, tinted, obscure and tempered

GRILLE OPTIONS:

Color-coordinated grilles-between-the-glass (GBG) in 3/4" flat, sculptured 5/8" and 1" styles

PRODUCT CONFIGURATION:

Singles, twins, triples, quads, fixed and a wide selection of architectural shapes

COLOR OPTIONS:



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

	NFRC CERTIFIED			
	R Value	U Factor	SHGC	VT
WITH WARM EDGE				
LE (Low-E, Air IGU)	3.13	0.32	0.25	0.46
LE ^{SC} (Solar Cooling Low-E, Air IGU)	3.33	0.30	0.19	0.36
HP (Low-E, Argon IGU)	3.45	0.29	0.25	0.46
HP ^{SC} (Solar Cooling Low-E, Argon IGU)	3.57	0.28	0.19	0.36
WITH WARM EDGE+				
LE (Low-E, Air IGU)	3.23	0.31	0.25	0.46
LE ^{SC} (Solar Cooling Low-E, Air IGU)	3.23	0.31	0.19	0.36
HP (Low-E, Argon IGU)	3.57	0.28	0.25	0.46
HP ^{SC} (Solar Cooling Low-E, Argon IGU)	3.70	0.27	0.19	0.36

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, and Low-E^{SC}, which is Solar Cooling optimized Low-E for warmer climate zones.
2. Optional HP Glass combines Low-E with argon gas fill for high performance, or HP^{SC} Glass, which combines Solar Cooling optimized Low-E with argon gas fill for high performance for warmer climate zones.
3. Optional Warm Edge+ spacer upgrade for enhanced performance.
4. Optional coastal hardware available.



Home Innovation
NGBS GREEN CERTIFIED™

PLY GEM BUILDER SERIES 5000 WINDOWS HAVE BEEN GREEN APPROVED BY THE HOME INNOVATIONS RESEARCH LAB.

This means you can be assured that Ply Gem Builder Series 5000 windows comply with specific green practice criteria in the National Green Building Standard. Visit www.homeinnovation.com/greenproducts for more details.