

# BUILDER SERIES

W I N D O W S

 PLY GEM  
WINDOWS



## 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 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.





# 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<sup>SC</sup>, HP glass, HP<sup>SC</sup> 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:

WHITE

BEIGE



## THERMAL PERFORMANCE

	R Value	NFRC CERTIFIED		
		U Factor	SHGC	VT
<b>WITH WARM EDGE</b>				
3/4" Clear	2.33	0.43	0.52	0.54
3/4" Low-E	3.13	0.32	0.25	0.46
3/4" Low-E <sup>SC</sup>	3.13	0.32	0.19	0.36
3/4" HP Glass	3.45	0.29	0.24	0.46
3/4" HP <sup>SC</sup> Glass	3.45	0.29	0.19	0.36
<b>WITH WARM EDGE+</b>				
3/4" Low-E	3.23	0.31	0.25	0.46
3/4" Low-E <sup>SC</sup>	3.23	0.31	0.19	0.36
3/4" HP Glass	3.57	0.28	0.24	0.46
3/4" HP <sup>SC</sup> Glass	3.57	0.28	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



**PLY GEM BUILDER SERIES 5000 WINDOWS HAVE BEEN GREEN APPROVED BY THE NAHB RESEARCH CENTER.**

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.GreenApprovedProducts.com](http://www.GreenApprovedProducts.com) for more details.

1. Most units are rated DP50 straight out of the box.
2. Available Low-E option.
3. Optional Low-E<sup>SC</sup> is Solar Cooling optimized Low-E for warmer climate zones.
4. Optional HP Glass combines Low-E with argon gas fill for high performance.

5. HP<sup>SC</sup> Glass combines Solar Cooling optimized Low-E with argon gas fill for high performance for warmer climate zones.
6. Optional Warm Edge+ spacer upgrade for enhanced performance.
7. Optional coastal hardware available.

