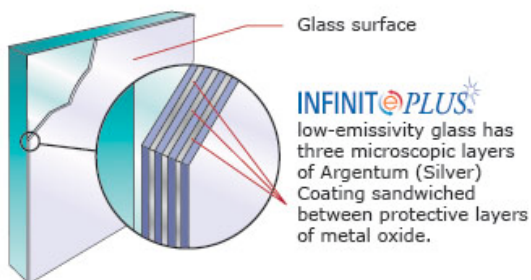


INFINIT-e PLUSSM

HIGH PERFORMANCE GLAZING SYSTEM

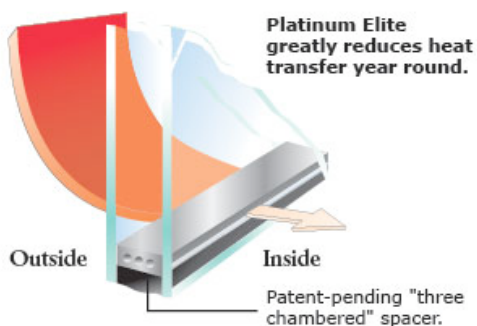
Anlin's Infit-e Plus High Performance Glazing System is a big reason behind the superior energy saving ability of Anlin windows in moderate and hot climates. The outside frame of the window may be what you see, but the "Insulated Glass Unit" that is mounted inside the frame is the real hero.



Triple-layer Argentum coating

As you might expect, the glass itself plays a big role in a window's energy saving ability. The secret is to have glass that: 1.) Reflects outside heat in sunny weather. 2.) Keeps heat from escaping the home in cold weather. 3.) Blocks 95% of harmful UV rays to resist fading interior furnishings. The secret is a triple-layer Argentum coating that insulates up to 100% better than ordinary glass, yet is practically invisible.

- Exceeds Energy Star requirements by 45%
- 100% more efficient than ordinary glass
- Maximum solar control with high-visible light, and fading UV protection

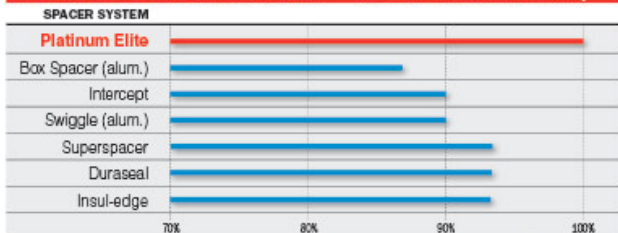


Platinum Elite Spacer

Once you have the right glass, the next challenge is to develop the right spacer. The two panes of glass in your dual pane window need to be held apart by a spacer in order to create the dead air space that provides the main insulation capability. But heat travels through the spacer, transferring heat from one pane of glass to the other, and therefore from one side of your window to the other.

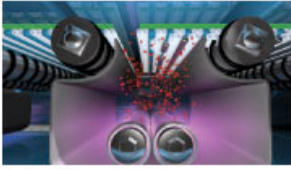
The secret here is Anlin's Platinum Elite Health Smart Spacer, the industry's most technologically advanced window spacer. Three hyper-efficient air chambers block the heat transfer path - keeping your home comfortable during all seasons. Other features of the Platinum Elite spacer virtually eliminate condensation and mold while providing the flexibility to expand and contract during temperature changes and high winds. The result is a window system that stands up against the elements, providing you with many years of maintenance-free comfort.

THE INDUSTRY'S MOST EFFICIENT SPACER 100%=Total Platinum Elite Efficiency



Numbers based on Anlin Catalina Series XO sliding window with INFINIT-e PLUSSM-ate/clear glass.

- Blocks most heat transfer to/from home's interior
- Maximum energy efficiency
- Resists mold-causing condensation
- Superior weather tight seal endured over 100 weeks in P1 chamber. (1-week simulates 1 year in the field.)



A double-sputtering process applies microscopic layers of silicon dioxide and titanium dioxide to the exterior surface of the glass.



The left side of this glass was treated with *PLUS*, the right wasn't. The difference is clear!

Low Maintenance Exterior Coating

The final component of the Infit-e Plus High Performance Glazing System is comprised of super thin layers of silicon dioxide and titanium dioxide, which are applied to the exterior surface of the window glass. The silicon dioxide fills in the natural peaks and valleys inherent in all glass, resulting in a permanent, ultrasmooth surface. Rain water sheets away rather than beading then drying and leaving spots on the window.

At the same time, the titanium dioxide reacts chemically with the sun's UV rays (even on cloudy days) to literally decompose organic materials on the glass. That's two layers of solar activated easy-to-clean exterior coatings that leave you to enjoy the beautiful view with a lot less work.



Reflects heat and harmful UV rays in hot weather.



Keeps interior warmth from escaping in cold weather.

In Conclusion

A triple-layer Argentum coating on the glass, a Platinum Elite spacer that is robotically applied between the panes of glass then sealed with heated butyl, and a low maintenance Exterior Coating, all combine to create the Infit-e Plus High Performance Glazing System, in turn allowing your Anlin windows to provide you the ultimate in comfort and energy efficiency.