

EFFORTLESS HURRICANE PROTECTION®



WinGuard. Recognized for outstanding service, delivery and quality. Of course, that's what you expect from a local Florida company with an American manufactured product.



What's in a name? According to consumers, a lot!

WinGuard® is the nation's most popular brand of residential impact-resistant windows and doors. In fact, we helped develop the testing standards for Miami-Dade County since their inception after Hurricane Andrew devastated Florida in 1992. Serving as a one stop shop is crucial; we have a complete line of new construction and replacement products including architectural shapes, sliding and French Doors. And our stellar 99% on time delivery record means projects stay on schedule, and homeowners stay happy!



Looking good on paper is one thing...but what about some proof?

WinGuard has been used in over two million installations with zero reported impact failures! We test our products at much larger sizes than most manufacturers... that means when we sell a standard size window or door, we're assured that it will perform, no guessing games here. And the same technology that protects you from hurricane debris proves to be a formidable challenge to intruders.

Hurricanes are covered, what about another hot topic of today... energy efficiency?

We've been manufacturing windows in Southwest Florida for over 27 years, and our expertise is in the details. You'll find that WinGuard has innovation that is unmatched. We were one of the pioneers to offer an insulating option to the residential market with laminated glass. And our aluminum products feature a superior performing warm edge spacer. Energy bills decrease, which translates to less Carbon Dioxide



emissions from the generation of electric power, thus the environmental impact is reduced! Every product we offer is custom-made to order, sized to fit your project perfectly with options that perform for your customer's needs. Heat-reducing glass tints and hi-performance low-E selections reduce solar heat gain (energy bill savings!) and provide additional protection for furnishings, draperies and artwork from fading.

My noisy neighbors and the construction crew working on the next street, what can WinGuard do about them?

Another added benefit of WinGuard windows is dramatically reduced noise. WinGuard can provide up to 32% reduction in perceived loudness for a standardized mixture of aircraft, railroad and vehicular traffic noise versus a dual pane window.* We have conducted Window Sound Isolation tests on our WinGuard products for both STC (Sound Transmission Class) and OITC (Outdoor-Indoor Transmission Class). Glass thickness and IG airspace are important factors that may also increase the perceived loudness reduction. So selecting a laminated insulating window will not only reduce your energy costs, it will also increase your ability to enjoy a peaceful atmosphere within your home.

* Laminated insulating product, testing completed by Nelson Acoustics, Elgin, TX 4/07.

Made in America?

A strong company, PGT, and a successful brand, WinGuard, are proud to support the Red, White and Blue. Don't be fooled by other names, just because the word American is in a company's name, it doesn't mean they're selling American-Made products. Offshore operations may appear less expensive, but they cost all of us in the long run. By purchasing locally made products, you encourage a healthy economy in which you live, and a nation in which you trust.



Warming Up to Energy Efficiency



In a climate where air conditioning is needed much of the year, glass options that reduce solar heat gain can provide significant savings on energy bills. The Solar Heat Gain Coefficient (SHGC) measures how well a window blocks heat from sunlight. SHGC is rated as a fraction between 0 and 1. The lower a window's SHGC, the less solar heat it transmits into the home. See the chart below to review how glass options influence energy performance!

Glass Type	SHGC - Solar Heat Gain Coefficient	SHGC - Solar Heat Gain Coefficient	SHGC - Solar Heat Gain Coefficient
	SH700	HR710	CA740 - X
5/16" Laminated Glass			
1/8" Clear - .090 PVB - 1/8" Clear	0.66	0.63	0.54
1/8" Gray - .090 PVB - 1/8" Clear	0.54	0.52	0.45
Laminated Insulating Glass			
1/8" Clear - .090 PVB - 1/8" Clear	0.66	0.63	0.54
1/8" Gray - .090 PVB - 1/8" Clear	0.54	0.52	0.45
1/8" PPG Solarban60 - air - 5/16" Clear/Clear	0.34	0.33	0.29
1/8" Solar Control Low-E - air - 5/16" Clear/Clear	0.23	0.22	0.20
	PW/AR701	SGD730	FD750
7/16" Laminated Glass			
3/16" Clear - .090 PVB - 3/16" Clear	0.65	0.58	0.43
3/16" Gray - .090 PVB - 3/16" Clear	0.51	0.46	0.34
Laminated Insulating Glass			
3/16" Clear - .090 PVB - 3/16" Clear	0.65	0.58	0.43
3/16" Gray - .090 PVB - 3/16" Clear	0.51	0.46	0.34
3/16" PPG Solarban60 - air - 7/16" Clear/Clear	0.31	0.31	0.25
3/16" Solar Control Low-E - air - 7/16" Clear/Clear	0.21	0.21	0.18

Good:
Adding a tinted layer of glass, such as gray, provides 12% improvement in Solar Heat Gain Coefficient over clear laminated glass.

Better:
Using a laminated insulating unit with a high performance low-E coating will achieve a 32% improvement over clear laminated glass.

Best:
The best SHGC will come from a solar control low-E coupled with a laminated insulating glass unit. The SHGC will be reduced by 43%!

Note: Good, Better, Best performance values are based on a single hung window. Other window & door products will provide similar but not exact values. Low-E option mentioned is L240.

Why WinGuard?

	Frame Depth	Max Size	DP Rating	Insulating Glass Option	Energy Star Qualified
Single Hung Window					
PGT WinGuard	2.75"	53.125" x 76"	+/-80	Y	Yes
Manufacturer B	2.625"	53.125" x 74.250"	+/-80	Y	No
Manufacturer C	2.33"	53.125" x 63"	+80/-90	N	No
Horizontal Roller XO/OX					
PGT WinGuard*	2.75"	74" x 63"	+/-75	Y	Yes
Manufacturer B	2.65"	72" x 60"	+/-70	N	No
Manufacturer C	2.33"	72" x 60"	+70/-80	N	No
Horizontal Roller XOX					
PGT WinGuard	2.75"	111" x 63"	+/-75	Y	Yes
Manufacturer B	2.65"	Not Offered	N/A	N/A	N/A
Manufacturer C	2.33"	108"x 60"	+70/-69.9	N	No
Picture Window					
PGT WinGuard	2.75"	32 sq feet up to 145" width or height	+80/-80	Y	Yes
Manufacturer B	2.625"	36" x 120"	+/-74.1	N	No
Manufacturer C	2.33"	36" x 120"	+70/-80	N	No
Architectural Shapes					
PGT-14 shapes & custom	2.75"	32 sq feet up to 145" width or height	+/-80	Y	Yes
Manufacturer B-12 shapes & custom	2.65"	60" x 74" or 36" x 120"	+/-74.1	N	No
Manufacturer C-9 shapes	2.33"	36" x 120"	+70/-80	N	No

PGT Additional Product Options:

- X, XX, XOX Casement w/NOA
- Two Series of Multitrack, by pass and corner configuration SGD w/NOA
- Two Series of French Doors w/NOA
- ETERNA Finish on CA, PW/AW, SGD and FD
- Horizontal Roller Integral Fin Option w/NOA
- Single Hung Integral Fin Option w/NOA

We've got the product you need. A deeper frame, larger sizes, higher design pressures and energy efficient options are all reasons why we're America's most popular brand of impact-resistant windows and doors.

We've got the look you want. With ETERNA Finish option on casement, horizontal roller, picture window or architectural window, sliding glass door and French Doors, you can enhance the design of your home with a selection of five woodgrain finishes.

We've got the people to help. Your satisfaction is our goal; look to PGT to provide you the service you need before, during and after the sale. We've been right here in your backyard for over 27 years!

WinGuard. Our windows, your peace of mind.

