



# Solutions Guide



# STORMGATE™



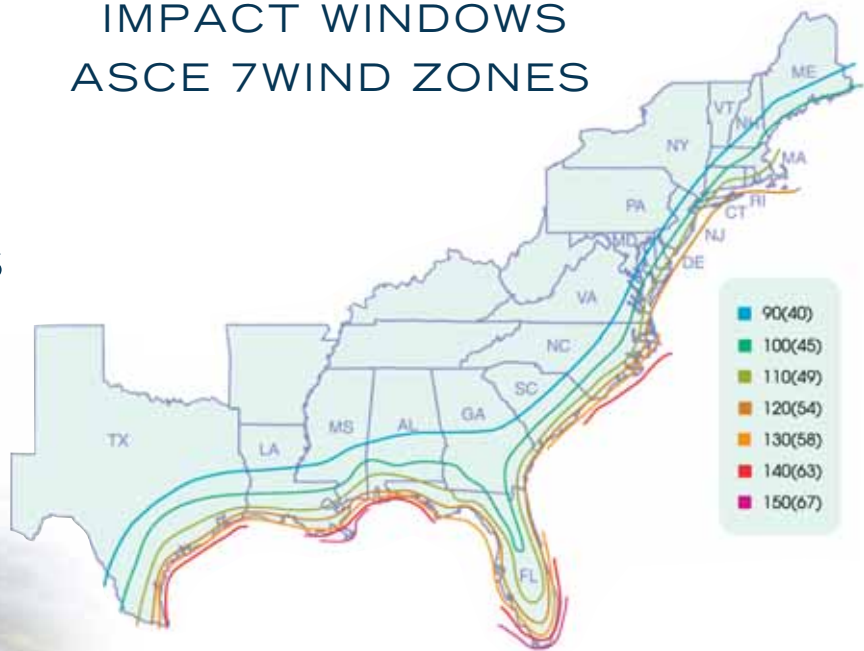
IMPACT WINDOWS



## The Liability

Violent winds, flying debris and torrential rains from hurricanes can cause enormous devastation—costing homeowners thousands of dollars in property damage. Residential homes in coastal areas are especially vulnerable, causing several states to pass new building codes that require homes to have approved hurricane shutters or impact-resistant windows and doors that can withstand winds of 110 to 160 miles per hour.

### IMPACT WINDOWS ASCE 7 WIND ZONES



## The Reality of Storms

Consider: Violent winds alone are not the primary cause attributed to window failure. The real cause is airborne debris that becomes flying missiles, shattering windows, allowing wind and rain to infiltrate the structure. Air pressure build-up can cause wall collapse and roof blow-off. Insurance companies in these regions are now requiring buildings to be up-to-code before they insure the property.

## The Solution

The AWA's Stormgate Impact Windows and Doors offer better security and peace-of-mind against violent storms and property looters.

Stormgate's impact resistance not only protects a home structurally, they also beautify a home—inside and out—through all sorts of severe weather conditions. And, the beauty doesn't stop at its appearance.



## Withstands Severe Weather

- Avoids the task and expense associated with the putting up, taking down and storing hurricane panels and plywood
- Eliminates unsightly bolts, screw holes and tracks that marks a home's appearance
- Provides a quieter, more comfortable, inside environment
- Offers superior 99% UV protection for furnishings, against fading and dry-rot



Impacted windows are tested with hurricane-force winds after taking a direct hit from a 9-lb. 2x4, flying at 54 mph.



In the event of violent weather, you don't need to do anything with your windows other than to ensure that they're closed and locked.

The All Stormgate products undergo rigorous testing to ensure dependable performance under the most extreme conditions.

Rating	Description	Construction Type	Window Type	Size
H-R 50	Stormgate	New Construction	Single Hung	48 x 72
H-R 50	Stormgate	Replacement/Retrofit	Single Hung	54 x 72
H-R-50	Stormgate	New Construction	Fixed Window	64 x 84
F-C 65	Stormgate	Replacement/Retrofit	Fixed Window	64 x 84
H-R-50	Stormgate	New Construction	Casement	37 x 75
H-R-50	Stormgate	New Construction	Double Hung	48 x 72

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## IMPACT WINDOWS

The AWA is a team of regional vinyl window fabricators who have combined their resources to gain a competitive advantage in the fenestration industry.

We develop individual business plans for our specific markets as we all fabricate a very similar product with slight regional modifications. We coordinate those regional plans with a national strategy to effectively serve all states east of the Rocky Mountains.

We are a national alliance of vinyl window manufacturers who fabricate the highest quality vinyl windows and doors while staying true to our values of honesty and integrity with every customer, every vendor and every AWA team member.



[www.alliancewindows.com](http://www.alliancewindows.com)

## AWA Members



**Alliance Vinyl Windows**  
Mt. Ephraim, NJ

**Pro Windows & Door**  
Little Rock, AR

**Alliance Window Systems of Louisiana**  
Slidell, LA

**Stergis Alliance Mullins, SC**

**BMD Window Company**  
N. Kansas City, MO

**Stergis Aluminum Products**  
Walpole, MA

**Midway Windows & Doors, Inc.**  
Chicago, IL

**Syron Industries**  
Syracuse, NY

**MVP Vinyl Windows**  
Belfast, ME

**Yale Industries, Inc.**  
Dayton, OH