



IMPACT RESISTANT WINDOWS & DOORS

REBUILD • REMODEL



COASTAL STORM SOLUTIONS

SILVER LINE HAS YOUR **SEVERE WEATHER SOLUTIONS**

Protect your home from the destructive forces of a hurricane with Silver Line® impact resistant windows and patio doors.

SILVER LINE IMPACT RESISTANT WINDOWS AND PATIO DOORS:

- Provide **24/7 protection** from high winds and wind-borne debris from hurricanes and coastal storms.
- Are **rigorously tested** and independently certified to meet or exceed most local code requirements*.
- Offer the **quality, durability** and **reliability** you're looking for.
- **Eliminate** the need for **shutters** or storm panels.
- Include the peace of mind that comes with a **Limited Lifetime Warranty**†.

*See your local code official for code requirements in your area.

†See the limited lifetime warranty for impact resistant products for details.

REBUILD AND REMODEL WITH SILVER LINE QUALITY

If you live at the coast and are looking to build or remodel your home, then you're looking for windows and patio doors that are:

- Designed for Durability
- Built for Strength
- Tested for Reliability
- Backed by a Limited Lifetime Warranty†

Silver Line® impact resistant windows and patio doors offer these and more. They are engineered to withstand severe storms to help protect your family and your home.

FEATURES & BENEFITS

- Performance Grade (PG) ratings for the strength and resilience to withstand severe weather
- Integral nailing fin helps make a secure and weathertight installation of your new window or patio door
- Engineered with special metal reinforcements for the strength to help withstand extreme weather conditions
- All exposed hardware is made from corrosion-resistant stainless steel for long-term† reliability
- Impact resistant laminate glass helps protect your home from damaging wind and rain even when struck by debris
- Laminate glass also offers improved forced entry resistance, reduced exterior noise and helps block over 99% of harmful UV rays
- Rigorously tested and certified to nationally recognized standards for strength and durability to deliver years of smooth, reliable operation†
- A full family of windows with a coordinating brickmold profile is available to meet your design needs

†See the limited lifetime warranty for impact resistant products for details.

ADDED SECURITY WITH LAMINATE GLASS

Specially engineered laminate glass is an integral element in the performance of our impact resistant windows and patio doors intended for coastal regions. This specialty glass is created by laminating two pieces of glass to a tough, clear plastic PVB layer. If struck by debris, the PVB layer remains intact, helping protect your home from damaging wind and rain.



SILVER LINE OFFERS A FULL FAMILY OF PRODUCTS TO MEET YOUR NEEDS

3600 SERIES IMPACT RESISTANT DOUBLE-HUNG WINDOW

- Approved for use in the High Velocity Hurricane Zone (HVHZ)
- Florida Building Code Product Approval 14996
- Energy saving glass options available for any climate
- Specially engineered balance systems offer smooth, easy operation
- Both top and bottom sash tilt in for easy cleaning from inside your home



2900 SERIES IMPACT RESISTANT SINGLE-HUNG WINDOW

- Approved for use in the High Velocity Hurricane Zone (HVHZ)
- Florida Building Code Product Approval 14911
- Bottom sash tilts in for easier cleaning from inside your home
- Many grille types and patterns are available to complement the look of your home



70 SERIES IMPACT RESISTANT CASEMENT & AWNING WINDOWS

- Approved for use in the High Velocity Hurricane Zone (HVHZ)
- Florida Building Code Product Approval 14937
- Offered either with or without colonial brickmold "J" channel to fit the design of your home
- Handles fold in to help eliminate interference with blinds and shades
- An extensive selection of complementary picture windows and shapes allows you to easily add style to your home



5800 SERIES IMPACT RESISTANT PATIO DOOR

- Approved for use in the High Velocity Hurricane Zone (HVHZ)
- Florida Building Code Product Approval 14998
- Tandem ball bearing rollers and an aluminum rolling track result in a smooth, reliable sliding patio door
- Multi-point locking system offers a secure hold in strong winds
- Interlocking panels and well-designed weatherstripping offer an effective seal against drafts



PROVEN PERFORMANCE

To make sure they provide reliable performance, these Silver Line[®] impact resistant windows and patio doors are rigorously tested and certified to nationally recognized standards for strength, durability and energy savings. We've tested these products under rigorous weather conditions, including driving rain and impacts that simulate flying debris, and then subjected them to pressures that are equivalent to hurricane force winds. These windows and patio doors are engineered and built to last.†

ENERGY EFFICIENCY

This independently certified energy efficiency information can help you compare windows and patio doors. The lower the U-Factor, the more it can help save on heating bills. A lower SHGC rating can help you save on cooling costs.

Product	Glass Type	U-Factor	SHGC	ENERGY STAR [®] Version 6.0 Zones			
				North	North-Central	South-Central	South
Double-Hung (3600 IMPACT SERIES)	Low-E	0.31	0.28	-	-	-	-
	Low-E SmartSun	0.31	0.24	-	-	-	■
	Low-E Sun	0.31	0.21	-	-	-	■
Single-Hung (2900 IMPACT SERIES)	Low-E	0.33	0.29	-	-	-	-
	Low-E SmartSun	0.33	0.25	-	-	-	■
	Low-E Sun	0.33	0.23	-	-	-	■
Casement (70 IMPACT SERIES)	Low-E	0.26	0.23	■	■	■	■
	Low-E SmartSun	0.26	0.20	■	■	■	■
	Low-E Sun	0.26	0.18	■	■	■	■
Awning (70 IMPACT SERIES)	Low-E	0.27	0.23	■	■	■	■
	Low-E SmartSun	0.26	0.20	■	■	■	■
	Low-E Sun	0.26	0.18	■	■	■	■
Patio Door (5800 IMPACT SERIES)	Low-E	0.28	0.29	-	-	-	-
	Low-E SmartSun	0.28	0.28	■	■	■	■
	Low-E Sun	0.27	0.22	■	■	■	■

Thermal data shown is for products with standard glass construction required to meet published Performance Grade ratings. Data shown is for products with an Argon gas blend and no grilles. Data is subject to change without notice.

STRUCTURAL PERFORMANCE

This structural information shows the strength and durability of our products and is independently tested and certified. A higher PG rating indicates a better product.

These products have been tested to the AAMA/WDMA/CSA 101/I.S. 2/A440 standard for product performance. A product only achieves the resulting Performance Grade (PG) rating if it complies with all the requirements in the standard (i.e. structural loading, air infiltration resistance, water penetration resistance, etc.). A higher PG rating indicates the product has passed higher performance requirements to the AAMA/WDMA/CSA 101/I.S. 2/A440 testing standard.

Silver Line impact resistant windows and doors are also tested to ASTM specifications for impact resistance. Tests involve laboratory simulated hurricane conditions, including debris impact and 9,000 negative and positive pressure cycles. Data is subject to change without notice. These products meet ASTM E1886/E1996 standards, including Missile Level D impacts.

Product	Test Size	PG Rating
DOUBLE-HUNG WINDOW (3600 IMPACT SERIES)	46" x 72"	50
SINGLE-HUNG WINDOW (2900 IMPACT SERIES)	36" x 76"	50
	48" x 66"	50
CASEMENT WINDOW (70 IMPACT SERIES)	36" x 72"	50
AWNING WINDOW (70 IMPACT SERIES)	53" x 36"	50
PATIO DOOR (5800 IMPACT SERIES)	72" x 80-1/2"	50

†See the limited lifetime warranty for impact resistant products for details.

PG ratings listed are not available with all sizes and options. See your Silver Line dealer for details. Check local code requirements to determine what products and options are required for your area.

Visit www.silverlinewindows.com for performance information.