



ALUMINUM

100 & 175 Series



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The 100 and 175 Aluminum windows are mainly a new construction window with standard sizes. However, either can be ordered exact size with or without nail fin for additional charge. The 100 single hung has a spiral balance and is non tilt. The 175 has a removable, tilt bottom sash with block & tackle balance system. Call out is actual size, ie. 2030 measures 24X36, suggested rough opening is 1/2" over window size.

Features

- White, Bronze and Sandstone colors (mill finish available for series 100 only).
- Aluminum is tremendously strong and stable. It will not swell, shrink, split, crack or check over the years. It is very durable and can't rust.
- All 4 frame corners and meeting rail connections are sealed with Polyseamseal to keep the weather out and reduce air infiltration.
- Sash members are interlocked for additional strength at corners and locking rail.
- Two positive sash locks reduce air infiltration (should remain locked when installing).
- Weatherstripping: Sash perimeter is weatherstripped with wool pile and/or soft vinyl for quiet, smooth operation to resist weather penetration.
- 5/8" insulated glass with warm edge glass spacer.
- Sloped sill for easy water run off. Corners sealed with Polyseamseal.
- Quality certified in accordance with AAMA specifications.

Note: All picture windows, shapes and one-frame glass larger than 30 square feet will come with Tempered Glass as standard for safety reasons. All additional charges for Tempered Glass will automatically be applied.

Other Options

- Series 125 Mill finish single glazed single hung (uses #100 frame).
- Glazing:
 - E66 is a light green tint with most efficient U & SHGC.
 - LoE E40 has a soft muted blue color to fight solar glare.
 - Tempered, Obscure, Bronze or Grey glass.
- 5/8" Grilles, Colonial or Prairie.
- Factory mullered or stacked units and field mull accessories.
- Custom sizes available with or without fin.
- Impact windows for coastal areas see Series Aluminum 1100 and Vinyl 4000.

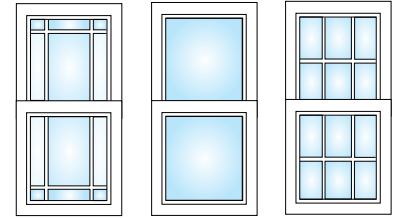


100 Non-tilt



175 Tilt & Take Out

Grille Options



Prairie

One Lite

Colonial



Grille Between Glass

Color Options



White

Bronze

Sandstone

Performance Data

Krestmark Aluminum 100 and 175 Series Windows

Glass Dual 5/8" OA Insulated	100 Single Hung U-Factor SHGC VT	175 Single Hung U-Factor SHGC VT	100 Picture Window U-Factor SHGC VT
Clear air no grilles	.66 .69 .72	.67 .69 .72	.60 .73 .76
Clear air w/ grilles	.66 .63 .65	.67 .62 .64	.61 .66 .69
E66 LoE air no grilles	.50 .25 .57	.52 .25 .56	.45 .26 .60
E66 LoE air w/grilles	.52 .23 .51	.54 .23 .51	.46 .24 .54
E66 LoE Argon no grilles	.46 .25 .57	.47 .25 .56	.38 .26 .60
E66 LoE Argon w/grilles	.47 .23 .51	.49 .23 .51	.42 .24 .54
E40 LoE air no grilles	.51 .24 .35	.53 .24 .35	.46 .25 .37
E40 LoE air w/grilles	.53 .22 .31	.55 .22 .31	.47 .23 .33
E40 LoE Argon no grilles	.47 .23 .35	.49 .23 .35	.40 .24 .37
E40 LoE Argon w/grilles	.48 .21 .31	.50 .21 .31	.41 .22 .33

Check local jurisdictions for current energy codes.

LoE Glass

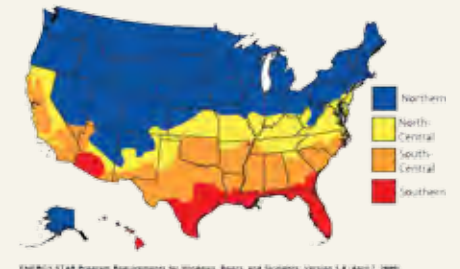


Krestmark Aluminum Windows are offered in several LoE glass options. LoE high performance glass allows light to filter in while keeping the sun's harmful rays out. In addition, this special glazing saves energy and reduces utility costs by keeping the cool air inside in the summer and the warm air inside in the winter.

Product lines and their components, building codes, installation techniques and third party certifications are constantly evolving. For the most current information, check our website frequently at www.krestmark.com.

Energy Star® Qualifications

Krestmark manufactures vinyl windows that, with several glazing options, meet Energy Star guidelines in all regions.



ENERGY STAR Program Requirements for Windows, Doors, and Sliding Glass Doors, Version 1.8 (April 7, 2009)

Climate Zone	Windows		Prescriptive
	U-Factor ¹	SHGC ²	
Northern	≤ 0.30	Any	Prescriptive
North-Central	≤ 0.31	≥ 0.25	Equivalent Energy Performance
	≤ 0.32	≥ 0.40	
South-Central	≤ 0.32	≤ 0.40	
South	≤ 0.35	≤ 0.30	
Southern	≤ 0.60	≤ 0.27	

¹ Btu/h·ft²·°F

² Fraction of incident solar radiation



You may qualify for a Tax Credit when you replace your existing windows with certain Krestmark Replacement windows. For more information, go to www.energystar.gov.

For information about measuring and installing new Krestmark windows, visit our web site at www.krestmark.com

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Impact Windows

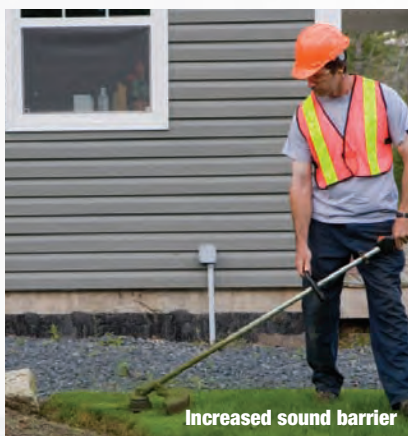
ready **all the time,**
weather you're home or not



Hurricane protection from wind-blown objects



UV light is reduced by 96%+



Increased sound barrier



Added security from home intruders



IMPACT

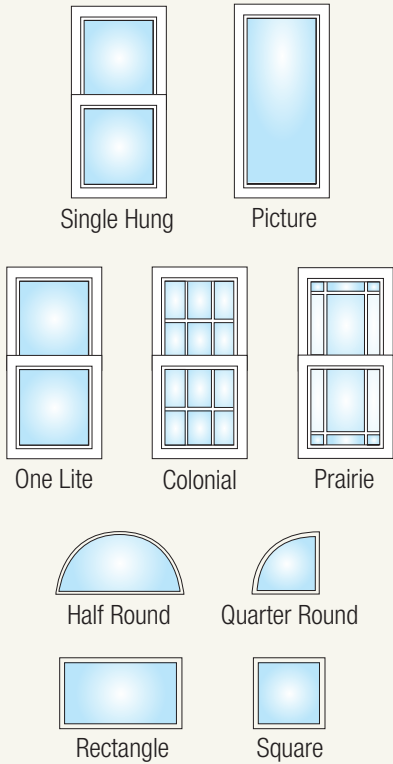
Vinyl & Aluminum Windows
SERIES 4000, 4750 AND 1100*



IMPACT Vinyl & Aluminum Windows

SERIES 4000, 4750 AND 1100*

Design Options



Color Options



Features

- Multi-chambered extruded vinyl frame and sash with strategically placed aluminum Reinforcements in the hollows to meet or exceed coastal region structural requirements provides stability with excellent strength, thermal resistant properties and is extremely low maintenance. Vinyl extrusions have superior sound absorption and continuous color throughout, minimizing unsightly scratches.
- Additional energy efficient LoE glass options are available.
- Laminated insulated glass with Environsealed Windows™ environmentally friendly warm edge spacer.
- Tilt-in removable reinforced bottom sash for ease of cleaning has dual positive sash locks with keepers on all units reducing air infiltration, surface mounted metal tilt latches attached to lock rail reinforcement, two integral lift rails adds strength and for easy convenient operation.
- Heavy duty Block & Tackle balances provide smooth operation, locking shoes prevent sash from falling out when tilting for cleaning or removal.
- Strategically placed aluminum reinforcement in the profiles meet or exceed coastal region structural requirements.

Product lines and their components, building codes, installation techniques and third party certifications are constantly evolving. For the most current information, check our website frequently at www.krestmark.com.

Why choose a Krestmark Impact Window?

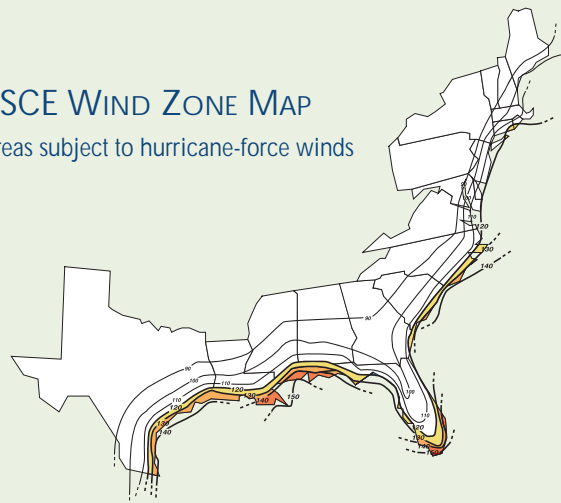
- Provides maximum protection in severe weather even when you aren't home.
- Meets required county and local codes (varies by county and locality).
- Prevents your family and home against intruders.
- Protects your family, carpeting and furnishings from dangerous UV light.
- Deadens exterior noise.
- Requires practically no maintenance.
- Check with your insurance company if discounts are offered when using Impact Resistant Windows.

Installation Information

Windows used to meet Coastal & Structural codes may require additional flashing and fastening methods than standard installations. See Manufacturers Instructions or TDI and Florida building code approvals for current methods.

ASCE WIND ZONE MAP

Areas subject to hurricane-force winds



Wind-borne Debris Regions as determined by the International Building Code.

- 150-159 mph
- 140-149 mph
- 130-139 mph
- 120-129 mph

Source: ASCE minimum design loads for buildings and other structures.

DP Ratings for Krestmark Windows: 3060 Single Hung - DP 60, 153 MPH; 4060 Picture Window - DP 60, 153 MPH; 3860 Single Hung - DP 55, 145 MPH.

For additional DP and performance ratings, or for information about measuring and installing new Krestmark windows, visit our web site at www.krestmark.com



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*US Patents: D608,906; D608,908; D608,908; D608,909; D608,910; D608,911