

Product Evaluation

WIN2757 | 0623

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2757

Effective Date: June 1, 2023

Re-evaluation Date: June 2027

Product Name: Renewal by Andersen Coastal Gliding Window, Impact Resistant

Manufacturer: Renewal by Andersen Corporation

9900 Jamaica Avenue South

Cottage Grove, MN 55016

(651)264-5308

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Renewal Coastal Gliding Window/RbA CSTL GL7472	Class LC-PG50 Size Tested 74" x 72" Missile Level D	DP +60/-70 psf
2	Renewal Coastal Gliding Window/RbA CSTL GL8664	Class LC-PG50 Size Tested 86" x 64" Missile Level D	DP +60/-70 psf
3	Renewal Coastal Gliding Window/RbA CSTL GL12064	Class LC-PG50 Size Tested 120" x 64" Missile Level D	DP +60/-70 psf

Product Dimensions:

System	Overall Size	Panel/Sash Size	Daylight Opening Size
1	74" x 72"	Op. Sash 36-9/16" x 68-5/16" Fix. Sash 35-5/16" x 69-5/16"	Op. Sash 32-15/16" x 64-15/16" Fix. Sash 32-15/16" x 64-15/16"
2	86" x 64"	Op. Sash 22-9/16" x 60-5/16" Fix. Sash 41-1/4" x 60-5/16"	Op. Sash 18-15/16" x 56-15/16" Fix. Sash 37-7/8" x 56-15/16"
3	120" x 64"	Op. Sash 40-3/16" x 60-5/16" Fix. Sash 39-15/16" x 60-5/16"	Op. Sash 36-5/8" x 56-15/16" Fix. Sash 36-5/8" x 56-15/16"

Product Identification (Certification Label on Window):

System		
1-3	Certification Agency	Window and Door Manufacturers Association (WDMA)
	Manufacturer's Name	Andersen Windows and Doors
	Product Name	Renewal by Andersen Coastal Casement Window
	Test Standards	AAMA/WDMA/CSA101/I.S.2/A440-11, ASTM E1886-19, ASTM E1996-20

Impact Resistance:

System	Impact Resistant	Requirement
1-3	Yes	These products satisfy TDI's criteria for protection from windborne debris. Install the assemblies at a height on the structure that does not exceed the assemblies' design pressure rating.

Installation:

System		
1-3	Type of Installation	Install and anchor windows in accordance with Andersen Corporation drawing AWD326; dated October 20, 2022; Signed and sealed by Hermes F. Norero, P.E. on March 15, 2023.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.