

Product Evaluation

WIN2755 | 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-2755

Effective Date: June 1, 2023

Re-evaluation Date: June 2027

Product Name: Renewal by Andersen Coastal Casement 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 Casement Window/RbA CSTL CS4072	Class LC-PG60 Size Tested 40.0" x 72.0" Missile Level D	DP +60/-70 psf
2	Renewal Coastal Casement Window/RbA CSTL CS4044	Class LC-PG60 Size Tested 40.0" x 43.9" Missile Level D	DP +60/-70 psf
3	Renewal Coastal Casement Window/RbA CSTL CS4040	Class LC-PG60 Size Tested 40.0" x 39.9" Missile Level D	DP +60/-70 psf
4	Renewal Coastal Casement Window/RbA CSTL CS4028	Class LC-PG60 Size Tested 40.0" x 27.9" Missile Level D	DP +60/-70 psf

General Description (continued):

System	Description	Label Rating	Design Pressure Rating
5	Renewal Coastal Casement Window/RbA CSTL CS3280	Class LC-PG60 Size Tested 32.0" x 80.0" Missile Level D	DP +60/-70 psf

Product Dimensions:

System	Overall Size	Panel/Sash Size	Daylight Opening Size
1	40.0" x 72.0"	37-13/16" x 69-13/16"	31-1/2" x 65-1/2"
2	40.0" x 43-15/16"	37-13/16" x 41-15/16"	33-1/2" x 37-7/16"
3	40.0" x 39-15/16"	37-13/16" x 37-3/4"	33-1/2" x 33-7/16"
4	40.0" x 27-15/16"	37-13/16" x 25-3/4"	33-1/2" x 21-7/16"
5	32.0" x 80.0"	26-15/16" x 77-13/16"	25-1/2" x 73-1/2"

Product Identification (Certification Label on Window):

System		
1-5	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
1-5	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		
1-5	Type of Installation	Install and anchor windows in accordance with Andersen Corporation drawing AWD323; dated October 13, 2022; Signed and sealed by Hermes F. Norero, P.E. on January 10, 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.