

## Product Evaluation

WIN2745 | 0423

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-2745

**Effective Date:** April 1, 2023

**Re-evaluation Date:** April 2027

**Product Name:** Renewal by Andersen Coastal Awning Composite 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 Awning Window/RbA CSTL AN2848	Class LC-PG60 (27.9 x 48) Missile Level D	+60 / -70 psf
2	Renewal Coastal Awning Window/RbA CSTL AN4048	Class LC-PG60 (39.9 x 48) Missile Level D	+60 / -70 psf
3	Renewal Coastal Awning Window/RbA CSTL AN4748	Class LC-PG60 (46.44 x 48) Missile Level D	+60 / -70 psf

**General Description (Continued):**

System	Description	Label Rating	Design Pressure Rating
4	Renewal Coastal Awning Window/RbA CSTL AN4848	Class LC-PG60 (48 x 48) Missile Level D	+60 / -70 psf
5	Renewal Coastal Awning Window/RbA CSTL AN5536	Class LC-PG60 (54.9 x 36) Missile Level D	+60 / -70 psf
6	Renewal Coastal Awning Window/RbA CSTL AN6035	Class LC-PG60 (60 x 34.9) Missile Level D	+60 / -70 psf
7	Renewal Coastal Awning Window/RbA CSTL AN6036	Class LC-PG60 (60 x 36) Missile Level D	+60 / -70 psf

**Product Dimensions:**

System	Overall Size	Panel/Sash Size	Daylight Opening
1	27-15/16" x 48"	25-3/4" x 45-13/16"	21-7/16 x 41-1/2"
2	39-5/16" x 48"	37-3/4" x 45-13/16"	33-1/2" x 41-1/2"
3	46-7/16" x 48"	44-1/4" x 45-13/16"	40" x 41-1/2"
4	48" x 48"	42-15/16" x 45-13/16"	41-1/2" x 41-1/2"
5	54-15/16" x 36"	52-3/4" x 33-13/16"	48-1/2" x 29-1/2"
6	60" x 34-15/16"	57-13/16" x 32-3/4"	53-1/2" x 28-7/16"
7	60" x 36"	57-13/16" x 33-13/16"	53-1/2" x 29-1/2"

**Product Identification (Certification Label on Window):**

System		
1-7	Certification Agency	Window and Door Manufacturers Association (WDMA)
	Manufacturers Name	Andersen Windows and Doors
	Product Name	Renewal by Andersen Coastal Awning Window
	Test Standards	NAFS-11, ASTM E1886-19, ASTM E1996-20

**Impact Resistance:**

System	Impact Resistant	Requirement
1-7	Yes	These products have been tested for windborne debris resistance. They satisfy Missile Level D requirements specified in ASTM E 1996-20.

**Installation:**

System		
1-7	Type of Installation	Install in accordance with Andersen Corporation drawing AWD324; dated 10.13.2022; Signed and sealed by Hermes F. Norero on 11.11.2022.
	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.