

Product Evaluation

WIN1853 | 1019

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-1853

Effective Date: October 1, 2019

Re-evaluation Date: December 2022

Product Name: Model 9066 Thermally Broken Aluminum Awning Windows, Impact Resistant

Manufacturer: WinDoor Incorporated
7500 Amsterdam Drive
Orlando, FL 32832
(407) 481-8400

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model 9066 TB Aluminum Awning Windows; with PVB Interlayer	CW-PG100 (54 x 36)-AP Missile Level D	+90 / -90 psf
2	Model 9066 TB Aluminum Awning Windows; with SGP Interlayer	CW-PG100 (54 x 36)-AP Missile Level D	+100 / -120 psf
3	Model 9066 TB Aluminum Awning Windows; with PVB Interlayer	CW-PG90 (108 x 36)-AP Missile Level D	+90 / -90 psf
4	Model 9066 TB Aluminum Awning Windows; with SGP Interlayer	CW-PG100 (108 x 36)-AP Missile Level D	+100 / -120 psf

Product Dimensions:

System	Overall Size	Operable Sash Size
1-2	54" x 36"	52" x 34"
3-4	108" x 36"	52" x 34" (2)

Product Identification (Certification Label on Window):

System		
1-2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 167-530 (Sys. 1); 167-531 (Sys. 2) (Impact) CAR# 167-1005 (Sys. 1-2) (Structural)
	Product Name	9066 TB Al Imp EL/Flange Awning (Impact) 9066 TB Al EL Awning (Structural)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-02,04,05/E1996-02,04,06,09 Missile Level D
3-4	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR# 167-528 (Sys. 3); 167-529 (Sys. 4) (Impact) CAR# 167-1007 (Sys. 3); 167-1008 (Sys. 4) (Structural)
	Product Name	9066 TB Al Imp EL/Flange Awning Comb Ass'y XX
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 ASTM E1886-02,04,05/E1996-02,04,06,09 Missile Level D

Impact Resistance:

System	Impact Resistant	Requirement
1-4	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

Installation:

System		
1-2	Type of Installation	Install in accordance with WinDoor Incorporated drawing No. 08-01945, dated January 14, 2013. Signed and sealed by Luis R. Lomas, P.E. on March 4, 2013.
	Wall Framing	
	Fasteners	
	Fastener Location/Spacing	
	Fastener Penetration	

Installation (Continued):

System		
3-4	Type of Installation	Install in accordance with WinDoor Incorporated drawing No. 08-01950, dated March 5, 2013. Signed and sealed by Luis R. Lomas, P.E. on March 6, 2013.
	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, the IBC, and the Texas Revisions.