

Product Evaluation

WIN2475 | 0520

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-2475

Effective Date: May 1, 2020

Re-evaluation Date: July 2023

Product Name: Series 2001 Thermally Broken Aluminum Single Hung Windows with Frame Master Receptor, Frame Installation, Impact Resistant

Manufacturer: Seal Craft
1207 Airport Dr.
Shreveport, LA 71107
(318) 424-4486

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 2001 TB Aluminum Single Hung Windows with Frame Master Receptor	AW-PG50 (40 x 84)-H Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	40" x 84"	36-1/2" x 42-1/4"	33-1/2" x 37-1/2"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	SCM-1
	Product Name	2001 SH W/ FRAMEMASTER RECEPTOR
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level D Conforms to: ASTM E1886/E1996

Impact Resistance:

System	Impact Resistant	Requirement
1	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 design pressure rating for the assemblies.

Installation (One of the Following):**Frame-Clip Installation:**

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using a 1-1/4" x 1-1/4" aluminum angle clip. Locate the clips approximately 4" from each corner and spaced 12" on center. Secure the clips to the window frame using one (1) minimum No. 8 tapping screw and to the wall framing using one (1) minimum No. 12 x 2-1/2" screw. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

Frame Installation:

The wood wall framing members must be minimum Spruce-Pine-Fir dimension lumber. The window assembly is secured to the wall framing using an aluminum receptor system with integral exterior stop and snap-in interior stop at the head and side jambs. The sill was secured using an aluminum receptor system with integral exterior and interior stop. Secure the receptor to the wall framing using minimum No. 12 x 2-1/2" screws spaced approximately 4" from each corner and 12" on center. Fasteners must be long enough to penetrate a minimum of 1-1/2" into the wall framing members.

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.