



# Product Evaluation

WIN681 | 1214

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-681

**Effective Date:** December 1, 2014

**Re-evaluation Date:** February 2015

**Product Name:** Model 3102 Vinyl Horizontal Slider Windows, New and Replacement Construction, Impact Resistant

**Manufacturer:** Alside Window Company/Division of AMI  
3773 State Road  
Cuyahoga Falls, OH 44223  
(330) 922-5350

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Model 3102 Vinyl Horizontal Slider Windows	LC-PG40 73x63-HS Missile Level D	+40 / -40 psf
2	Model 3102 Vinyl Horizontal Slider Windows	R-PG50 73x50-HS Missile Level D	+50 / -50 psf

### Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	73" x 63"	35" x 59-1/2"	32-1/4" x 56-7/8"
2	73" x 50"	35" x 46-5/8"	32-1/4" x 43-7/8"

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

System		
1, 2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	UL-2
	Product Name	3102 Impact HS
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08 AAMA 506; Missile Level D

**Impact Resistance:**

System	Impact Resistant	Requirement
1, 2	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		
2	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Drawing No. TX-4322, titled "Model 3102 PVC Horizontal Slider w/Nailing Fin 'Impact'," sheets 1 trough 3 of 3, dated September 10, 2013, signed, sealed and dated September 10, 2013, by Lyndon F. Schmidt, P.E.
	Fasteners	
	Fastener Location/Spacing	
Fastener Penetration	Minimum 1-1/2" into the wall framing members	
1, 2	Type of Installation	Replacement Construction – Frame
	Wall Framing	Drawing No. TX-4321, titled "Model 3102 PVC Horizontal Slider 'Impact'," sheets 1 trough 3 of 3, dated September 10, 2013, signed, sealed and dated September 10, 2013, by Lyndon F. Schmidt, P.E.
	Fasteners	
	Fastener Location/Spacing	
Fastener Penetration	Minimum 1-1/2" into the wall framing members	

**Note:** The manufacturer's installation instructions must be available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.