

## Product Evaluation

WIN2401 | 0120

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-2401

**Effective Date:** January 1, 2020

**Re-evaluation Date:** December 2023

**Product Name:** Series Inspire Vinyl Single Hung Tilt Windows, Fin and Frame Installation, Non-Impact Resistant

**Manufacturer:** Elevate Windows and Doors LLC  
1850 Westpark Drive, Suite. 100  
Grand Prairie, TX 75050  
(469) 490-1100

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series Inspire Vinyl Single Hung Tilt Windows	R-PG30 48 x 84-H	+30 / -30 psf
2	Series Inspire Vinyl Single Hung Tilt Windows	R-PG40 48 x 72-H	+40 / -40 psf
3	Series Inspire Vinyl Single Hung Tilt Windows	R-PG50 44 x 72-H	+50 / -50 psf
4	Series Inspire Vinyl Single Hung Tilt Windows	R-PG50 44 x 72-H	+50 / -50 psf
5	Series Inspire Vinyl Single Hung Tilt Windows; Twin CHS	R-PG50 88 x 72-H	+50 / -50 psf

**General Description (Continued):**

System	Description	Label Rating	Design Pressure Rating
6	Series Inspire Vinyl Single Hung Tilt Windows; Twin CHS	R-PG50 88 x 72-H	+50 / -50 psf
7	Series Inspire Vinyl Single Hung Tilt Windows; Fin Installed	R-PG50 (36 x 84)- H	+50 / -50 psf
8	Series Inspire Vinyl Single Hung Tilt Windows; Frame Installed	R-PG40 (36 x 84)-H	+40 / -40 psf

**Product Dimensions:**

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	47-1/2" x 83-1/2"	45-1/2" x 41"	42-1/2" x 38-1/4"
2	47-1/2" x 71-1/2"	45-1/2" x 35"	42-3/4" x 32-1/4"
3-4	43-1/2" x 71-1/2"	41-1/2" x 35"	38-3/4" x 32-1/4"
5-6	87-1/2" x 71-1/2"	41-1/2" x 35"	38-3/4" x 32-1/4"
7-8	35-1/2" x 83-1/2"	33-3/8" x 41"	30-13/16" x 38-5/16"

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

System		
1-2, 7	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ELE-1
	Product Name	Inspire Tilt SH (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3, 8	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ELE-1
	Product Name	Inspire Tilt SH (FINLESS)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ELE-1
	Product Name	Inspire Tilt SH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
5	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ELE-1
	Product Name	Inspire Twin Tilt SH (FINLESS)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
6	Certification Agency	AAMA
	Manufacturer's Name or Code Name	ELE-1
	Product Name	Inspire Twin Tilt SH (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1-8	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1-2, 4, 6-7	Type of Installation	Nail Fin Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 PH screws
	Fastener Location/Spacing	Approximately 2" from each end and 12" on center along the perimeter
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
3, 5	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 PH screws
	Fastener Location/Spacing	Approximately 5" from each end and 22" on center max. along the head and side jambs
	Fastener Penetration	Minimum of 1-1/2" into the wall framing
8	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	Minimum No. 8 PH screws
	Fastener Location/Spacing	Approximately 5" and 23-1/2" from each end and at the mid-span along the side jambs; 5" from each corner and at the mid-span along the head.
	Fastener Penetration	Minimum of 1-1/2" into the wall framing

**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.