

Product Evaluation

WIN2768 Draft | 0923

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-2768

Effective Date: September 1, 2023

Re-evaluation Date: September 2027

Product Name: G210 Vinyl Double Hung Windows, Frame Installation, Impact Resistant

Manufacturer: NT Window
2900 W. Seminary Dr.
Fort Worth, TX 76133
(800) 969-8830

General Description:

System	Description	Label Rating	Design Pressure Rating
1	G210 Double Hung Windows; X/X	LC-PG50 (53 x 75)-H Missile Level D	+50 / -50 psf

Product Dimensions:

System	Overall Size	Top Sash Size	Bottom Sash Size
1	53" x 75"	48-1/2" x 36-1/2"	49-3/8" x 37-1/2"

Product Identification (Certification Label on Window):

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	NT-1
	Product Name	G210 DH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-17 ASTM E 1886-19, ASTM E 1996-20

Compliance: The products comply with AAMA/WDMA/CSA 101/I.S.2/A440-17, ASTM E1886, and ASTM E 1996 as referenced in the 2018 IRC and 2018 IBC.

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:

System		
1	Type of Installation	Frame
	Wall Framing	Spruce-Pine-Fir dimension lumber
	Fasteners	No. 8 x 2-1/2" washer head screws
	Fastener Location/Spacing	One fastener at 3" from each end and 19" on center in between for head and side jambs.

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.