



COASTAL PERFORMANCE[®]

Non-Impact Window Testing & Certification Data Air, Water, Structural and Impact Performance Ratings

PERFORMANCE CATEGORY	PERFORMANCE RATINGS BY WINDOW TYPE						
	Single Hung	Single-Section (OX) Lift-out Slider	Single-Section (XOX) Lift-out Slider (Q/H/Q - 3/3/3)	Double Hung	Double Hung	Standard Picture (Bendable)	Casement
CAR NUMBER	NI014479	NI014501.05	NI014511 &..01	NI014402.04	NI014402.01	NI014399-R1	NI014403.01-R1
FPA Listing #	FL26906.03	FL26909.9	FL26909.6 & .5	FL26910.6	FL26910.6	FL-26908.3	FL-26907.3
TDI Submittal #	8311/4956	8310/4953	8310/4954 & 55	WIN-2418/4868	WIN-2418/4868	WIN-24144863	WIN-2412/4872
Overall IGU Thickness	1" IGU			7/8" IGU			
Unit Size Tested (inches)	54" x 84"	72" x 65"	108" x 65"	40" x 63"	44" x 75"	72" x 72"	36" x 72"
Performance Grade (PG)	PG50	PG 55	PG 45 - 50	PG50	PG45	PG 50	PG 60
Air Infiltration (cfm/sq.ft.)	0.07	0.09	0.088 - 090	0.07	0.09	0.01	0.01
Water Resistance (psf)	7.5	8.35	8.25 - 7.5	7.52	7.52	12.12	9.19
Design Pressure (DP) - (psf)	+/-50	55	+/-45 – +50/-55	50	45	50	60
Structural Test Pressure (psf)	+/-75	82.5	+/-67.5 – +75/-82.5	75	67.5	75	90
Forced Entry Resistance (Grade)	10	20	10	10	10	10	10
Wind Zone	3	3	3	3	3	3	4
Missile Level	D	D	D	D	D	D	D

Our windows are tested and certified to AAMA/WDMA/CSA 101/I.S.2/A440, ASTM E1886/E1996, AMA506, and AAMA 450 Industry Standards. Product certification rating can be viewed by going to NAMI web site, www.namicertification.com and entering the appropriate information under structural performance certification search.



ABBREVIATION KEY
 cfm = cubic feet per minute
 sq.ft. = square feet
 psf = pounds per square foot
 CAR = Certification Authorization Report
 FPA = Florida Product Approval Listing #
 TDI = Texas Department of Insurance



Impact Window Testing & Certification Data

Air, Water, Structural and Impact Performance Ratings

PERFORMANCE CATEGORY	PERFORMANCE RATINGS BY WINDOW TYPE						
	Single Hung	Single-Section (OX) Lift-out Slider	Single-Section (XOX) Lift-out Slider (Q/H/Q - 3/3/3)	Twin Double Hung*	Twin Double Hung*	Standard Picture (Bendable)	Casement
CAR NUMBER	NI014380	NI014382	NI014501.07 &.09	NI014384.03	NI014384 &.05	NI014383	NI014381 &.01
FPA Listing #	FL26906.01	FL26909.2	FL26909.8 &.7	FL26910	FL26910	FL26908.01	FL26907
TDI Submittal #	7353/4826	7354/4850	4851 & 4852	7356/4828	7356/4830	7355/4815	7352/4817
Overall IGU Thickness	1" IGU			7/8" IGU			
Unit Size Tested (inches)	54" x 77"	72" x 65"	108" x 65"	40" x 63" 80.88" x 63" (mull)	44" x 75" 80.88" x 75" (mull)	56" x 72"	36" x 72"
Performance Grade (PG)	PG50	PG 55	PG 50	PG 50	PG 45	PG 50	PG 50
Air Infiltration (cfm/sq.ft.)	0.04	0.07	0.04 -0.07	0.07	0.07	0.01	0.01
Water Resistance (psf)	7.52	8.35	9.19 - 8.35	7.52	7.52	12.11	9.19
Design Pressure (DP) - (psf)	+50/-60	+/-55	+/-50	+/-50	+/-45	+/-50	+/-50
Structural Test Pressure (psf)	+75/-90	+/-82.5	+/-75	+/-75	+/-67.5	+/-75	+/-75
Forced Entry Resistance (Grade)	20	20	20	10	10	20	20
Wind Zone	3	3	3	3	3	3	4
Missile Level	D	D	D	D	D	D	D

Our windows are tested and certified to AAMA/WDMA/CSA 101/I.S.2/A440, ASTM E1886/ E1996, AMA506, and AAMA 450 Industry Standards. Product certification rating can be viewed by going to NAMI web site, www.namicertification.com and entering the appropriate information under structural performance certification search.

*See FPA # FL29644 for more details of PG50 mullion applications for other product types



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