

STEEL WINDOWS + DOORS PERFORMANCE TECHNICAL INFORMATION



ELEVATE YOUR SPACE WITH INICIO

INICIO Steel Windows + Doors exemplify European design excellence, tailored for fine luxury homes that demand stunning aesthetics and superior functionality. These systems offer a streamlined, clean design that provides exceptional thermal insulation, featuring flush and overlapping aesthetics devoid of visible corner welds. Our products meet the stringent energy efficiency certification criteria set by the U.S. Environmental Protection Agency and the U.S. Department of Energy.

NATIONAL FENESTRATION RATING COUNCIL STANDARDS PERFORMANCE

INICIO windows + doors feature Ag³ glass with argon gas and three layers of Low E silver coating for superior energy efficiency, insulation, and UV protection. We offer two Ag³ options: H-VLT for more natural light and L-SHGC for better solar heat resistance—ensuring the perfect fit for any project.

Tests were performed on INICIO STEEL Windows + Doors by a third-party testing laboratory to National Fenestration Rating Council standards.

INICIO PRODUCT	GLAZING TYPE	GRID TYPE	U-FACTOR	SHGC	VT	CR
Steel Casement Windows (Push Out)	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.36	.20	.43	58
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.37	.18	.39	58
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.44	.17	.35	58
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.36	.22	.49	58
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.37	.21	.45	58
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.44	.19	.40	58
Steel Awning Windows (Push Out)	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.35	.20	.43	56
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.36	.18	.39	56
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.43	.17	.35	56
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.35	.22	.49	56
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.36	.21	.45	56
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.43	.19	.40	56
Steel Direct Glazed Windows	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.30	.23	.53	60
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.31	.21	.47	60
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.42	.19	.42	60
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.30	.26	.61	60
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.31	.24	.54	60
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.42	.22	.49	60



NATIONAL FENESTRATION RATING COUNCIL STANDARDS PERFORMANCE

Tests were performed by a third-party testing laboratory to National Fenestration Rating Council standards.

INICIO PRODUCT	GLAZING TYPE	GRID TYPE	U-FACTOR	SHGC	VT	CR
Steel Hinged Doors (Inswing)	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.35	.19	.42	54
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.36	.17	.37	54
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.46	.15	.31	54
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.35	.22	.49	54
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.36	.19	.42	54
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.46	.17	.36	54
Steel Lift & Slide Doors	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.35	.22	.50	55
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.37	.20	.44	55
	Ag ³ L-SHGC /XL Xtreme 61-29 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.48	.17	.38	55
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	None	.35	.25	.57	55
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	SDL	.36	.22	.50	55
	Ag ³ H-VLT /XL Xtreme 70-33 / Argon 90 / Clear (6MM / 6MM) 27 MM IG	TDL	.48	.20	.44	55

NORTH AMERICAN FENESTRATION RATING STANDARDS PERFORMANCE

Testing outlined below has been completed per the requirements of the current versions of AAMA/WDMA/CSA 101/I.S.2/A440, and ASTM E330.

INICIO PRODUCT	PART	UNIT SIZE [IN]	CLASS	GRADE
Steel Direct Glazed Windows	Nail Fin	95-1/8 x 119-5/8	CW	DP60
	Block Frame	95-1/8 x 119-5/8	CW	DP65
Steel Casement Windows (Push Out)	Nail Fin	35 x 96	CW	DP60
	Block Frame	35 x 96	CW	DP55
Steel Awning Windows (Push Out)*	Nail Fin	71-1/8 x 47 1/2	CW	DP50
	Block Frame	71-1/8 x 47 1/2	CW	DP65
Steel Hinged Door (Inswing)	Nail Fin	39-3/8 x 119-1/2	CW	DP55
	Block Frame	35 x 119-1/2	CW	DP55
Steel Hinged Door (Outswing)	Nail Fin	39-3/8 x 119-1/2	CW	DP70
	Block Frame	35 x 119-1/2	CW	DP70
Steel Lift & Slide Doors	Block Frame	191-1/8 x 119-5/8	LC	DP30

*All values listed are pending formal certification.



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