



TEST RESULTS

Hinged Non-Impact Testing Results

Product Specification	Max. Testing Dimension	Impact / Non-impact	Glazing Type	Lock Type	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	Air Infiltration (cfm/ft ²)	Test Standard	F.B.C. Approval No.
Inswing SLPS (OXXO)	120611 (146 7/16" x 82 7/16")	Non-impact	Direct Glass	Double Bore	DP50	+75/-75	6	0.02	AAMA A440-11	FL 28093.4
Inswing SLPS (OXXO)	12080 (146 7/16" x 98 7/16")	Non-impact	Direct Glass	Double Bore	DP30	+67.5/-75	4.65	0.01	AAMA A440-11	FL 28093.7
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Non-impact	Direct Glass	Double Bore	DP45	+75/-67.5	7.5	0.01	AAMA A440-11	FL 28093.10
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Non-impact	Direct Glass	Multi-Lock	DP60	+90/-90	9	0.01	AAMA A440-11	FL 28093.9

Hinged Impact Testing Results

Product Specification	Max. Testing Dimension	Impact / Non-impact	Glazing Type	Lock Type	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	Air Infiltration (cfm/ft ²)	Test Standard	F.B.C. Approval No.
Inswing SLPS (OXXO)	120611 (146 7/16" x 82 7/16")	Impact (Non HVHZ)	Direct Glaze	Double Bore	DP50	+75/-75	6	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 28093.3
Inswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (Non HVHZ)	Direct Glaze	Double Bore	DP30	+75/-75	4.65	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 28093.5
Outswing SLPS (OXXO)	120611 (146 7/16" x 81 3/16")	Impact (Non HVHZ)	Direct Glaze	Double Bore	DP50	+75/-75	7.5	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 28093.6
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (Non HVHZ)	Direct Glaze	Double Bore	DP50	+75/-67.5	7.5	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 29714.1
Outswing SLPS (OXXO)	120611 (146 7/16" x 81 3/16")	Impact (HVHZ)	Direct Glaze	Multi-Lock	DP50	+75/-75	7.5	0.01	TAS 201 TAS 202 TAS 203	FL 28095.1
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (HVHZ)	Direct Glaze	Multi-Lock	DP50	+75/-75	7.5	0.01	TAS 201 TAS 202 TAS 203	FL 28095.2
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (HVHZ)	Direct Glaze	Double Bore	DP50	+67.5/-67.5	7.5	0.01	TAS 201 TAS 202 TAS 203	FL 29714.2
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (HVHZ)	Glazing Bead (Open)	Double Bore	DP50	+75/-75	7.5	0.02	TAS 201 TAS 202 TAS 203	FL 29714.4

Gliding Non-Impact Testing Results

Product Specification	Max. Testing Dimension	Impact / Non-impact	Glazing Type	Lock Type	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	Air Infiltration (cfm/ft ²)	Test Standard	F.B.C. Approval No.
Gliding LS (XO)	6068 (71 1/4" x 79 1/2")	Non-impact	Direct Glass	Single Lock	DP50	+75/-75	7.5	0.01	AAMA A440-11	FL 28286.1

U-Value NFRC

Product Specification	U-factor	SHGC	VT	NFRC Number
VC LOE	0.29	0.23	0.31	NND-M-8-01297-00001
VC LOE (on 3/4 Lite door slabs)	0.27	0.18	0.23	NND-M-8-01267-00001
LOE272	0.27	0.17	0.28	NND-M-8-00483-00001
Impact LOE366	0.26	0.11	0.24	NND-M-8-01096-00001
LOE Pattern Glass Triple Glaze (Translucent/Chord/Rain)	0.27	0.21	0.24	NND-M-8-01069-00001
Impact LOE Pattern Glass Triple Glaze (Translucent/Chord/Rain/Clear)	0.27	0.24	0.27	NND-M-8-01080-00001
Single LOE Miniblinds	0.32	0.24	0.25	NND-M-8-00522-00001
Double LOE Miniblinds	0.29	0.21	0.22	NND-M-8-00953-00001
Impact Single LOE Miniblinds	0.31	0.19	0.25	NND-M-8-01159-00001

Hinged Sound Transmission Class

Product Specification	Glass Specification	Unit Type	STC	OITC
3068 Outswing 0.09" Skin Core: wood/silica	1" Standard Laminated Impact Glass	Inoperable	37	31
		Operable	36	30
3080 Outswing 0.09" Skin Core: wood	1" Glass 5.7mm/13.0/3mm-0.03"PVB-3mm	Inoperable	41	32
		Operable (Pemko S44 Seal)	40	32
		Operable	38	32
3080 Outswing 0.075" Skin Core: wood	1" 3 Layer Matte Laminated Impact Glass	Inoperable	39	33
		Operable (Pemko S44 Seal)	38	32
		Operable	37	32
3068 Inswing 0.075" Skin Core: wood/Urethane Foam	1" Standard Non-Impact Glass	Inoperable	31	26
		Operable (Pemko S44 Seal)	31	25
		Operable	30	25
3068 Outswing 0.075" Skin Core: wood/Urethane Foam	1" Standard Non-Impact Glass	Inoperable	30	25
		Operable (Pemko S44 Seal)	30	25
		Operable	29	25
3068 Inswing 0.075" Skin Core: wood/Urethane Foam	1" Mini-Blind Glass	Inoperable	33	28
		Operable (Pemko S44 Seal)	32	28
		Operable	31	28
3080 Inswing 0.075" Skin Core: wood/Urethane Foam	1" Standard Non-Impact Glass	Inoperable	31	25
		Operable (Pemko S44 Seal)	30	24
		Operable	30	24
3080 Inswing 0.075" Skin Core: wood	1" Standard Laminated Impact Glass	Inoperable	38	31
		Operable (Pemko S44 Seal)	36	30
		Operable	36	29
3080 Outswing 0.075" Skin Core: wood	1" Standard Laminated Impact Glass	Inoperable	37	30
		Operable (Pemko S44 Seal)	36	29
		Operable	34	29
3080 Outswing 0.075" Skin Core: wood	1" Impact Mini-Blind Glass	Inoperable	37	30
		Operable (Pemko S44 Seal)	37	30
		Operable	35	29