



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(R2)
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(R2)
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(R2)
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(R2)

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(R2)
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(R2)
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(R2)
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (Non HVHZ)	Direct Glaze	Double Bore	DP50	+75/-75	7.5	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 29714.1(R2)
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(R2)
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(R2)
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (HVHZ)	Direct Glaze	Double Bore	DP50	+75/-75	7.5	0.01	TAS 201 TAS 202 TAS 203	FL 29714.2(R2)
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 29714.2(R2)

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
LOE272	0.27	0.17
Impact LOE366	0.25	0.11
LOE Pattern Glass Triple Glaze (Translucent/Chord/Clear)	0.26	0.26
Impact LOE Pattern Glass Triple Glaze (Translucent/Chord/Clear)	0.27	0.24
Single LOE miniblinds	0.32	0.24
Double LOE miniblinds	0.29	0.21
Impact Single LOE miniblinds	0.31	0.19

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 (LoE 272)	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 (LoE 272)	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 (LoE 272)	Inoperable	31	25
		Operable (Pemko S44 Seal)	30	24
		Operable	30	24
3080 Inswing 0.075" Skin Core: wood	1" Standard Laminated Impact Glass (LoE 366 Impact)	Inoperable	38	31
		Operable (Pemko S44 Seal)	36	30
		Operable	36	29
3080 Outswing 0.075" Skin Core: wood	1" Standard Laminated Impact Glass (LoE 366 Impact)	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