

## Plastpro NOVA-90 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 <sup>2</sup> )	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 28093.6
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 28093.9
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 28093.8

### 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 <sup>2</sup> )	Test Standard	F.B.C. Approval No.
Inswing SLPS (OXXO)	120611 (146 7/16" x 82 7/16")	Impact (Non HVHZ)	Direct Glass	Double Bore	DP50	+75/-75	6	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 28093.3
Outswing SLPS (OXXO)	120611 (146 7/16" x 81 3/16")	Impact (Non HVHZ)	Direct Glass	Double Bore	DP50	+75/-75	7.5	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 28093.5
Outswing SLPS (OXXO)	12080 (146 7/16" x 97 3/16")	Impact (Non HVHZ)	Direct Glass	Double Bore	DP45	+75/-67.5	7.5	0.01	AAMA A440-11 ASTM E1886 ASTM E1996	FL 28093.7
Outswing SLPS (OXXO)	120611 (146 7/16" x 81 3/16")	Impact (HVHZ)	Direct Glass	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 Glass	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 Glass	Double Bore	DP45	+67.5/-67.5	7.5	0.01	TAS 201 TAS 202 TAS 203	Test Report # LAB: NCTL 210-4112-04 210-4112-04A
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	

### 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 <sup>2</sup> )	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

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## U-Value NFRC

Product Specification	U-factor	SHGC	NFRC Number
LOE272	0.27	0.17	NND-M-8-00483-00001
LOE366 Impact	0.26	0.11	NND-M-8-00484-00001
LOE Pattern Glass Triple Glaze (Translucent/Chord)	0.3	0.24	NND-M-8-00516-00001
Single LOE miniblinds	0.32	0.24	NND-M-8-00781-00001
Double LOE miniblinds	0.29	0.21	NND-M-8-00971-00001

## Hinged Sound Transmission Class

Product Specification	Glass Specification	Unit Type	STC	OITC
30611 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
3080 Outswing 0.075" Skin Core: wood/Urethane Foam	1" Standard Non-Impact Glass	Inoperable	31	25
		Operable (Pemko S44 Seal)	31	24
		Operable	31	25
3080 Outswing 0.075" Skin Core: wood/Urethane Foam	1" Mini-Blind Glass	Inoperable	32	27
		Operable (Pemko S44 Seal)	31	26
		Operable	31	26
3080 Outswing 0.075" Skin Core: wood/Urethane Foam	1" 3 Layer Matte Glass	Inoperable	31	27
		Operable (Pemko S44 Seal)	31	26
		Operable	31	26