

Test Results

Hinge Patio Doors - Inswing AAMA Test Results (Full Lite Panel)

Product specification	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	AAMA 101 Standard	F.B.C & T.D.I Approval No.
3068, 30611, L/R/S	DP40	+90/-90	6.0	SHD-CLASS R-PG40 143 1/4" X 82 1/2"	FL 14752.2 FL 14652.4 dr649
6068, 60611, LP/PR/SL/RS/SS	DP40	+90/-90	6.0		
12068, 120611, SLPS/SPRS	DP40	+90/-90	6.0		
3080, L/R/S	DP50	+75/-75	7.5	SHD-CLASS R-PG50 143 1/4" X 95 1/2"	FL 14752.19 dr649
6080, LP/PR/SL/RS/SS	DP50	+75/-75	7.5		
12080, SLPS/SPRS	DP50	+75/-75	7.5		

Inswing - AAMA Test Results (3/4 Lite Panel)

Product specification	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	AAMA 101 Standard	F.B.C & T.D.I Approval No.
9080, SLP	DP25	+75/-75	3.75	HGD-R25 105 3/4" X 95 1/2"	Approval pending

Outswing - AAMA Test Results (Full Lite Panel)

Product specification	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	AAMA 101 Standard	F.B.C & T.D.I Approval No.
3068, 30611, L/R/S	DP65/DP70	+105/-105	10.5	SHD-CLASS R-PG70 143 1/4" X 82 1/2"	FL 14752.7 dr650
6068, 60611, LP/PR/SL/RS/SS	DP65/DP70	+105/-105	10.5		
12068, 120611, SLPS/SPRS	DP65/DP70	+105/-105	10.5		
3080, L/R/S	DP65/DP70	+105/-105	10.5	SHD-CLASS R-PG70 143 1/4" X 95 3/4"	FL 14752.9 dr650
6080, LP/PR/SL/RS/SS	DP65/DP70	+105/-105	10.5		
12080, SLPS/SPRS	DP65/DP70	+105/-105	10.5		

Outswing - AAMA Test Results (3/4 Lite Panel)

Product specification	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	AAMA 101 Standard	F.B.C. & T.D.I. Approval No.
9080, SLP	DP50	+75 / -75	7.5	HGD-R50 105 3/4"x 95 1/2"	Approval pending
12068,SLPS	DP50	+75 / -75	7.5	Class R-PG50 143 1/8" x 79 1/2"	

Vented Sidelight - AAMA Test Results

Product specification	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	AAMA 101 Standard
8068, LLPR	DP30	+45/-45	4.5	HGD-LC30 94" X 83"



Energy Performance Rating (Full Lite Panel)--For Hinge Patio Doors

Product Specification	U-Factor (BTU/hrft ² F)	Solar Heat Gain Coefficient (SHGC)	Visible Light Transmittance (VT)
2/SS/0.057/ARG/0.444/N	0.27	0.13	0.19
2/SS/0.057/ARG/0.444/G	0.27	0.11	0.16
2/SS/0.057/ARG/0.567/N	0.26	0.13	0.18
2/SS/0.057/ARG/0.567/G	0.26	0.11	0.15
2/SS/0.042/ARG/0.444/N	0.26	0.20	0.34
2/SS/0.042/ARG/0.444/G	0.26	0.18	0.28
2/SS/0.042/ARG/0.567/N	0.26	0.20	0.32
2/SS/0.042/ARG/0.567/G	0.26	0.17	0.27
2/SS/0.022/ARG/0.444/N	0.26	0.14	0.30
2/SS/0.022/ARG/0.444/G	0.26	0.12	0.25
2/SS/0.022/ARG/0.567/N	0.26	0.14	0.29
2/SS/0.022/ARG/0.567/G	0.26	0.12	0.24

**For Florida Building Code Approval, please see http://www.floridabuilding.org/pr/pr_app_srch.aspx. For Texas Department of Insurance Approval, see <http://www.tdi.state.tx.us/wind/prod/indexdr.html>. For Dade County Approval, see http://www.miamidade.gov/building/pc-search_app.asp?

Product Description:
glazing layers / spacer type / LoE emissivity (surface)
gap fil / gap width / grilles

SS = stainless steel
LoE emissivity
0.057=LoE 240
0.042=LoE 272
0.022=LoE 366
ARG = argon
N=no grille
G=with grille<1"

Test Results

Hinged & Gliding Doors - Impact Rated

Hinge Patio Doors - Impact & Cycle Testing Performance

Product specification	Max. Testing Dimension	Design Pressure Rating	Structure Performance (psf)	Test Standard	F.B.C./T.D.I Dade County Approval No.
Inswing SLPS(OXXO)	11'11" X 6'11"	DP50	+75/-75	ASTM E1886/ASTM E1996	FL14752.1/ FL14752.3 dr648
Outswing SLPS(OXXO)	11'11" X 6'11"	DP50/DP70	+105/-105	ASTM E1886/ASTM E1996	FL14752.5/ FL14752.20
Outswing SLP(OXX)	9'1" X 6'11"	DP70	+105/-105	TAS201/202/203	NOA 12-0612.15
Inswing SLPS(OXXO)	11'11" X 8'0"	DP50	+75/-75	ASTM E1886/ASTM E1996	FL14752.22
Inswing SLP(OXX)	9'1" X 8'0"	DP50	+75/-75	TAS201/202/203	NOA 12-0612.18
Outswing SLPS(OXXO)	11'11" X 8'0"	DP50/DP70	+105/-105	ASTM E1886/ASTM E1996	FL14752.21
Outswing SLP(OXX)	9'1" X 8'0"	DP50	+75/-75	TAS201/202/203	NOA 12-0612.17
Outswing SLPL(OXXX)	12'1" X 8'0"	DP70	+105/-105	TAS201/202/203	NOA 12-0612.06 NOA 12-0612.07

3/4 Lite Panel - Impact & Cycle Testing Performance

Product specification	Max. Testing Dimension	Design Pressure Rating	Structure Performance (psf)	Test Standard	F.B.C & T.D.I Approval No.
Inswing SLP(OXX)	8'10" X 8'0"	DP50	+75/-75	ASTM E1886 / ASTM E1996	FL14752.14
Outswing SLP(OXX)	8'10" X 8'0"	DP50	+75/-75	ASTM E1886 / ASTM E1996	FL14752.18 dr424 (Renewal Pending)
Outswing SLPS(OXXO)	11'11" X 6'8"	DP50	+75/-75	ASTM E1886 / ASTM E1996	Approval pending

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Gliding Patio Doors - Impact & Cycle Testing Performance

Product specification	Max. Testing Dimension	Design Pressure Rating	Structure Performance (psf)	Test Standard	F.B.C & T.D.I Approval No.
SRS(OXO)	12'1" X 6'11"	DP50	+75/-75	ASTM E1886/ASTM E1996	FL10181.9
SRS(OXO)	12'1" X 6'11"	DP50	+75/-75	TAS201/202/203	Approval pending
SPLS(OXXO)	11'9" X 6'11"	DP50	+75/-75	ASTM E1886/ASTM E1996	FL10181.7
SPLS(OXXO)	11'9" X 6'11"	DP50	+75/-75	TAS201/202/203	Approval pending
SRS(OXO)	12'1" X 8'0"	DP50	+75/-75	ASTM E1886/ASTM E1996	FL10181.5/FL10181.11 dr652
SRS(OXO)	12'1" X 8'0"	DP50	+75/-75	TAS201/202/203	NOA 12-0612.16
SPLS(OXXO)	11'9" X 8'0"	DP50	+75/-75	ASTM E1886/ASTM E1996	FL10181.3
SPLS(OXXO)	11'9" X 8'0"	DP50	+75/-75	TAS201/202/203	NOA 12-0612.05 (Renewal Pending)

Transom Test Results - Impact & Cycle Testing Performance

Product specification	Max. Testing Dimension	Design Pressure Rating	Structure Performance (psf)	Test Standard	Certification
GTI/GTO/GTG 6020	6'2" X 2'0"	DP80	+120/-120	TAS 201/202/203	NOA 12-0612.11
GTI/GTO/GTG 12020 (with mullion)	12'1" X 2'3"	DP80	+120/-120	TAS 201/202/203	NOA 12-0612.12

Neuma Doors STC Test Sound Transmission Class-Hinge

Product Specification	STC	OITC
3080, L Inswing (1" Double Laminated Glass)	35	23
3080, L Outswing (1" Double Laminated Glass)	35	30
6068, LP Inswing (1" Standard Impact Glass)	34	30
6068, LP Inswing (1" Double Laminated Glass)	35	31
6068, LP Outswing (1" Standard Impact Glass)	34	30
6068, LP Outswing (1" Double Laminated Glass)	34	31
6068, LP Outswing (0.625" Standard Non-Impact Glass)	29	25
6068, SR Gliding (1" Standard Impact Glass)	32	29
6068, SR Gliding (1" Double Laminated Glass)	33	30
6068, LS Gliding (1" Standard Non-Impact Glass)	30	25
6068, LS Gliding (0.625" Standard Non-Impact Glass)	27	23

