

Test Results

Gliding Patio Doors - AAMA Test Result (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.
6068,60611, LS/SR(XO/OX)	DP50	+75/-75	7.5	SGD-Class R-PG50 141 1/8" X 82 3/8"	FL 10181.6
9068, 90611, SSR/LSS (OOX/XOO)	DP50	+75/-75	7.5		
12068, 120611, SPLS (OXXO)	DP50	+75/-75	7.5		
8068, 80611, LS/SR (XO/OX)	DP50	+75/-75	7.5	SGD-Class R-PG50 145 3/8" X 82 3/8"	FL 10181.8
12068, 120611, SRS (OXO)	DP50	+75/-75	7.5		
6080, LS/SR (XO/OX)	DP50	+75/-75	7.5	SGD-Class R-PG50 141 1/8" X 95 1/2"	FL 10181.1 FL 10181.10 dr651
9080, SSR/LSS (OOX/XOO)	DP50	+75/-75	7.5		
12080, SPLS (OXXO)	DP50	+75/-75	7.5		
8080, LS/SR (XO/OX)	DP50	+75/-75	7.5	SGD-Class R-PG50 145 3/8" X 95 1/2"	FL 10181.4 FL 10181.12 dr653
12080, SPLS (OXO)	DP50	+75/-75	7.5		

**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

Energy Performance Rating (Full Lite Panel)--For Gliding 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	0.29	0.16	0.25
2/SS/0.057/ARG/0.444/G	0.29	0.14	0.21
2/SS/0.057/ARG/0.567/N	0.28	0.16	0.24
2/SS/0.057/ARG/0.567/G	0.28	0.14	0.21
2/SS/0.042/ARG/0.444/N	0.28	0.26	0.45
2/SS/0.042/ARG/0.444/G	0.28	0.23	0.38
2/SS/0.042/ARG/0.567/N	0.27	0.17	0.39
2/SS/0.042/ARG/0.567/G	0.27	0.15	0.33
2/SS/0.022/ARG/0.444/N	*0.28	*0.18	*0.41
2/SS/0.022/ARG/0.444/G	*0.28	*0.16	*0.35
2/SS/0.022/ARG/0.567/N	0.27	0.17	0.39
2/SS/0.022/ARG/0.567/G	0.27	0.15	0.33

Product Description: glazing layers / spacer type
LoE emissivity (surface) / gap fil / gap width / grilles / *New Data Pending
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"

Transom Test Results - AAMA Test Results (Full Lite Panel)

Product specification	Design Pressure Rating	Structure Performance (psf)	Water Resistance (psf)	AAMA 101 Standard	Using	Certification
GTI/GTG 6020	DP80	+120/-120	12.0	TR-LC80 71 1/4" X 24"	Inswing/Gliding	FL10185.3
GTI/GTG 12020 (With mullion)	DP75	+120/-120	11.25	TR-R75 145 3/8" X 24"		FL10185.11
GTO 6020	DP80	+120/-120	12.0	TR-LC80 71 1/4" X 24"	Outswing	FL10185.7
GTO 12020 (With mullion)	DP75	+120/-120	11.25	TR-R75 145 3/8" X 24"		FL10185.5

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

**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.

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

