

Test Results

Hinged Patio Doors

Inswing - AAMA Test Results

| Product Specification | Design Pressure Rating | Performance Pressure (psf) | Water Resistance (psf) | Air Infiltration (scfm/ft ²) | AAMA 101 Standard | F.B.C (2004 V.) & T.D.I Approval No. |
|-----------------------|------------------------|----------------------------|------------------------|--|-----------------------|--------------------------------------|
| 3068,30611, L/R | DP 40 | +82.5/-90 | 6.0 | 0.03 | HGD-R40 141" x 83" | FL4022.1 |
| 6068,60611, LP/PR | DP 40 | +82.5/-90 | 6.0 | 0.03 | | FL6715.0 |
| 6068,60611, SL/RS | DP 40 | +82.5/-90 | 6.0 | 0.03 | | DR-163 |
| 120611, SLPS/SPRS | DP 40 | +82.5/-90 | 6.0 | 0.03 | | DR-165 |
| 3080, L/R | DP 40 | +97.5/-112.5 | 6.0 | 0.08 | HGD-R40 141" x 96" | FL4022.5 |
| 6080, LP/PR | DP 40 | +97.5/-112.5 | 6.0 | 0.08 | | FL6715.0 |
| 6080, SL/RS | DP 40 | +97.5/-112.5 | 6.0 | 0.08 | | DR-162 |
| 12080, SLPS/SPRS | DP 40 | +97.5/-112.5 | 6.0 | 0.08 | | DR-165 |

Outswing - AAMA Test Results

| Product Specification | Design Pressure Rating | Performance Pressure (psf) | Water Resistance (psf) | Air Infiltration (scfm/ft ²) | AAMA 101 Standard | F.B.C (2004 V.) & T.D.I Approval No. |
|-----------------------|------------------------|----------------------------|------------------------|--|-----------------------|--------------------------------------|
| 3068,30611, L/R | DP 65 | +97.5/-97.5 | 9.75 | 0.03 | HGD-R65 141" x 83" | FL4022.2 |
| 6068,60611, LP/PR | DP 65 | +97.5/-97.5 | 9.75 | 0.03 | | FL6716.0 |
| 6068,60611, SL/RS | DP 65 | +97.5/-97.5 | 9.75 | 0.03 | | DR-160 |
| 120611, SLPS/SPRS | DP 65 | +97.5/-97.5 | 9.75 | 0.03 | | DR-164 |
| 3080, L/R | DP 70 | +105.0 /-105.0 | 10.50 | 0.10 | HGD-R70 145" x 96" | FL4022.4 |
| 6080, LP/PR | DP 70 | +105.0 /-105.0 | 10.50 | 0.10 | | FL6716.0 |
| 6080, SL/RS | DP 70 | +105.0 /-105.0 | 10.50 | 0.10 | | DR-161 |
| 12080, SLPS/SPRS | DP 70 | +105.0 /-105.0 | 10.50 | 0.10 | | DR-164 |

** For Florida Building Code Approval, see www.floridabuilding.org/pr/pr_app_srch.aspx
 For Texas Department of Insurance Approval, see www.tdi.state.tx.us/wind/prod/index.html
 For Dade County Approval, see www.miamidade.gov/buildingcode/pc-search_app.asp

Impact & Cycle Testing Performance

| Product Specification | Max. Testing Dimension | D.P. Rating | Structure Performance (psf) | Test Standard | Certification |
|------------------------|------------------------|-------------|-----------------------------|--|--|
| SLPS (OXXO) | 12'1" X 8'0" | DP 50 | +75/-75 | AAMA 506-2000 ASTM E1886-04 ASTM E1996-03 | DR-165 |
| SLPS (OXXO) | 12'1" X 6'11" | DP 50 | +75/-75 | AAMA 506-2000 ASTM E1886-04 ASTM E1996-03 | DR-165 |
| SL/RS (OX/XO) | 6'1" X 6'11" | DP 50 | +75/-75 | AAMA 506-2000 ASTM E1886-04 ASTM E1996-03 | DR-165 |
| SLP (OXX) LPR (XXX) | 9'1" X 8'0" | DP 50 | +75/-75 | TAS 201-94 TAS 202-94 TAS 203-94 ASTM 1886-02 ASTM 1996-02 | DR-164 Dade County N.O.A. 06-0411.04 Expiration Date: Aug.17, 2011 Dade County N.O.A. 06-0411.05 Expiration Date: Aug.31, 2011 |

Energy Performance Rating

| Product Description | U-Factor (BTU/hrft ² °F) | Solar Heat Gain Coefficient | Visible Light Transmittance |
|----------------------------------|-------------------------------------|-----------------------------|-----------------------------|
| 2 / SU / 0.042 / ARG / 0.389 / N | 0.29 | 0.24 | 0.40 |
| 2 / SU / 0.042 / ARG / 0.389 / G | 0.30 | 0.21 | 0.34 |
| 2 / A1 / 0.042 / AIR / 0.389 / N | 0.33 | 0.24 | 0.40 |
| 2 / A1 / 0.042 / AIR / 0.389 / G | 0.35 | 0.21 | 0.34 |



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