

# Equivalency Evaluation Report

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## Product Manufacturer

Southeast Architectural  
Millwork, Inc.  
3485 Highway 411  
White, GA 30184

## Product Name, Model and/or Description

Series "Wood Door with Transom"  
Out-Swing Glazed Wood Side-Hinged Double Doors w/Transom,  
Configuration: O/XX  
  
In-Swing Glazed Wood Side-Hinged Double Doors w/Transom,  
Configuration: O/XX  
  
Series "Wood Door with Transoms/Sidelites"  
In-Swing Wood Side-Hinged Door w/Sidelites & Transoms, Configuration:  
OOO/OXO

**Code:** Current Edition of the Florida Building Code including the 8th Edition (2023) Florida Building Code

**Compliance Method:** Product Approval Rule 61G20-3.015(4)(d) – Equivalency of Standards

**Product Name, Model and/or Designation, Performance Testing and Test Reports:** Products covered by this evaluation include the following.

- Series "Wood Door with Transom", Out-Swing Glazed Wood Side-Hinged Double Doors w/Transom, Configuration: O/XX
  - Performance Testing
    - Architectural Testing Incorporated Report No: C7124.01-550-18-R1, dated 3/11/20, signed and sealed by Vinu J Abraham, FL PE No. 53820.
    - TAS 202-94 (Structural Only) & TAS-201/203-94
    - Design Pressure:  $\pm 50$  psf
    - Water Penetration Resistance Test Pressure: 0.00 psf
    - Wind Zone 4 - Missile Level D
    - Large Missile Impact Rated
- Series "Wood Door with Transom", In-Swing Glazed Wood Side-Hinged Double Doors w/Transom, Configuration: O/XX
  - Performance Testing
    - Architectural Testing Incorporated Report No: C7124.04-550-18-R1, dated 4/27/20, signed and sealed by Vinu J Abraham, FL PE No. 53820.
    - TAS 202-94 (Structural Only) & TAS-201/203-94
    - ASTM E283-04/E330-02/E331-00 and ASTM E1886-05/E1996-05
    - Design Pressure:  $\pm 50$  psf
    - Water Penetration Resistance Test Pressure: 0.00 psf
    - Wind Zone 4 - Missile Level D
    - Large Missile Impact Rated
- Series "Wood Door with Transoms/Sidelites", In-Swing Wood Side-Hinged Door w/Sidelites & Transoms, Configuration: OOO/OXO
  - Performance Testing
    - Architectural Testing Incorporated Report No: C7124.03-550-18-R1, dated 4/27/20, signed and sealed by Vinu J. Abraham, FL PE No. 53820.
    - TAS 202-94 (Structural Only) & TAS-201/203-94



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- ASTM E283-04/E330-02/E331-00 and ASTM E1886-05/E1996-05
- Design Pressure:  $\pm 50$  psf
- Water Penetration Resistance Test Pressure: 0.00 psf
- Wind Zone 4 - Missile Level D
- Large Missile Impact Rated

## Performance Testing Equivalency Evaluation per Product Approval Rule 61G20-3.015(4)(d):

The following table shows the performance standards used in testing and those in the current edition of the FBC.

| Standard Used in Testing |                | Current Edition of the Florida Building Code including the 8th Edition (2023)<br>Florida Building Code |                          | Comments             |
|--------------------------|----------------|--------------------------------------------------------------------------------------------------------|--------------------------|----------------------|
| Description              | Revision Level | Building Volume (FBC)                                                                                  | Residential Volume (FRC) |                      |
| TAS 201                  | 94             | 94                                                                                                     | 94                       | See Evaluation Below |
| TAS 202                  | 94             | 94                                                                                                     | 94                       |                      |
| TAS 203                  | 94             | 94                                                                                                     | 94                       |                      |
| ASTM E283-04             | 04             | 04 (2012)                                                                                              | 04 (2012)                |                      |
| ASTM E330-02             | 02             | 14                                                                                                     | 14                       |                      |
| ASTM E331-00             | 00             | 00 (2009)                                                                                              | 00 (2009)                |                      |
| ASTM E1886-05            | 05             | 13a                                                                                                    | 13a                      |                      |
| ASTM E1996-05            | 05             | 14a                                                                                                    | 14a                      |                      |

**TAS 201, TAS 202 & TAS 203:** It has been concluded that no material or substantive revisions or changes to these referenced standards have occurred (where applicable) that affect the results of design, testing or engineering of the approved product(s).

**ASTM's Listed Above:** It has been concluded that no material or substantive revisions or changes to these referenced standards have occurred (where applicable) that affect the results of design, testing or engineering of the approved product(s).

ASTM E1996 Testing Evaluation:

- 1) Wind Zone 4 testing
  - a. ASTM E1996-14 moved Wind Zone 4 criteria to the non-mandatory appendix. As indicated in Appendix X4.1, ASTM E1996-14a the Wind Zone 4 requirement, though non-mandatory, is still present and may be specified when needed to meet specific building codes requirements. Those requirements are detailed in Sections 1609.1.2.2, 1609.1.2.4 and 1609.3 of the Florida Building Code. Based on a review of the test reports, those parameters are met.
- 2) The Missile Level and Impact Speed used in testing are consistent with those currently required by the Florida Building Code and ASTM E11996.
- 3) The static load (ASTM E330) and cyclic load (ASTM E1886/E1996) parameters used in testing are consistent with those currently required by the Florida Building Code.

All other test standards are as listed in the 8th Edition (2023) Florida Building Code.



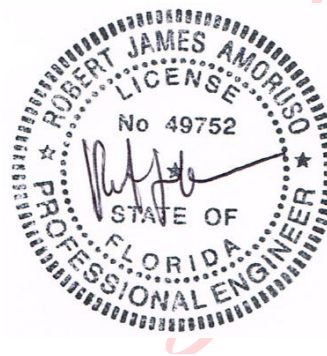
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## Certificate of Independence per Product Approval Rule 61G20-3.009

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by Robert J  
Amoruso  
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Evaluated By:  
Robert J. Amoruso, P.E.  
FL P.E. License Number 49752

