

EQUIVALENCY EVALUATION REPORT	
Project No. ACE-2024-135	Report No. EER-ACE-1113, Rev. 0

Product Description: Speed Guardian 4000 U Aluminum Slat Coiling Door, Impact, Non-HVHZ

Product Manufacturer: Hormann-Flexon LLC, 117 Starpointe Blvd, Burgettstown, PA 15021

Code Compliance Statement: This report evaluates the Roll-Up Exterior Door Assembly listed above to the requirements of FAC Product Approval Rule 61G20-3. This product complies with the requirements of the 8th Edition (2023) Florida Building Code excluding the High Velocity Hurricane Zone (HVHZ) per the product testing standards listed below.

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

Documentation/References:

Architectural Testing, Inc., 130 Derry Court, York, Pennsylvania 17406-8405, Test Report No.: C9661.01-109-18, Revision 2: 09/09/2014, Report Date: 07/29/2014, Signed and Sealed by Michael D. Stremmel, FL PE No. 65868, Performance Testing For Product Type: Rolling Aluminum Slat Door, Series/Model: Speed Guardian 4000 U a Roll-Up Exterior Door Assembly

Equivalency Evaluation of Performance Testing:

Testing conducted to the following ASTM standards have been reviewed against the current requirements of the Florida Building Code including the 8th Edition (2023) FBC and found to be in conformance as outlined below.

Test	Standard	Version Tested	8 th Edition (2023) FBC Version
Impact Protective Systems	ASTM E1886	05	13a
Impact Protective Systems	ASTM E1996	12	17
Structural Performance	ASTM E330	02	14
Static Air on Garage Doors	ANSI/DASMA 108	05	05, 12, or 17

ASTM E330 Evaluation

Based on the undersigned's evaluation, it has been determined that in all instances, the testing requirements of ASTM E330-14 are either identical to, or improvements to the requirements of ASTM E330-02 or are language revisions that do not adversely affect the performance of compliant products.

EQUIVALENCY EVALUATION REPORT	
Project No. ACE-2024-135	Report No. EER-ACE-1113, Rev. 0

ASTM E1886/E1996 Evaluation

Based on the undersigned's evaluation, it has been determined that in all instances, the testing requirements of ASTM E1886-13a are either identical to, or improvements to the requirements of ASTM E1886-05 or are language revisions that do not adversely affect the performance of compliant products.

Based on the undersigned's evaluation, it has been determined that in all instances, except for compliance to Wind Zone 4 (discussed below) the requirements of ASTM E1996-17 are either identical to, or improvements to the requirements of all ASTM E1996-12 or are language revisions that do not adversely affect the performance of compliant products.

Wind Zone 4 Evaluation / ASTM E1996

- 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 2023 Florida Building Code. Based on a review of the test report, 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 E1996-14.
- 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.

ANSI/DASMA 108 Evaluation

ANSI/DASMA 108-05 was used in testing. ANSI/DASMA 108-05 is one of three revision levels approved for use in the 8th Edition (2023) Florida Building Code. ANSI/DASMA 108-12, or 17 have been reviewed against ANSI/DASMA-05 and based on the undersigned's evaluation, it has been determined that in all instances, the testing requirements of ANSI/DASMA-12 or 17 are either identical to, or improvements to the requirements of ANSI/DASMA-05 or are language revisions that do not adversely affect the performance of compliant products.

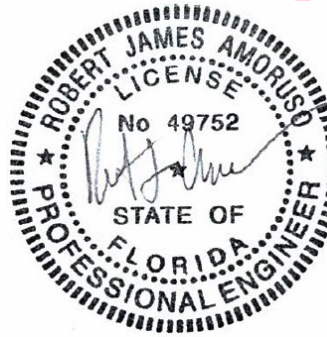
EVALUATION CONCLUSION:

ASTM and ANSI/DASMA testing standards used in the performance evaluation of the above-mentioned product were compared to the current revision level required in the 8th Edition (2023) of the Florida Building Code. No changes in the ASTM standards were found to affect the testing results. Therefore, testing is found to comply.

EQUIVALENCY EVALUATION REPORT	
Project No. ACE-2024-135	Report No. EER-ACE-1113, Rev. 0

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

Robert J. Amoruso, P.E. does not have, nor will acquire, any financial interest in the company manufacturing or distributing product(s) covered by this Product Evaluation Report. Robert J. Amoruso, P.E. does not have, nor will acquire any financial interest in any other entity involved in the approval process or testing of the product(s) covered by this Product Evaluation Report.



Digitally
signed by
Robert J
Amoruso

Date:
2024.10.12
16:43:03[®]
-04'00'

Evaluated by:
Robert J. Amoruso, P.E.
FL P.E. License No. 49752