

Equivalency Evaluation Report

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Product Manufacturer

Valda 90 OOD
Valda Production Facility
ul. "Shemshevsko Shose"
5002 Western Industrial Zone
Veliko Tarnovo, Bulgaria

Product Name, Model, Series and/or Description

Series Vista Guard Aluminum Impact Dual Action (Tilt-Turn) Window
Large Missile Impact

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 Testing, Materials and Certification:

- NCTL Test Report No. NCTL-210-4217-02, dated 6/8/2021
 - Series Vista Guard Aluminum Impact Dual Action (Tilt-Turn) Window - Large Missile Impact
 - Test Standards
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - Design Pressure = +/-65 psf
- NCTL Test Report No. NCTL-210-4217-02A, dated 6/8/2021
 - Series Vista Guard Aluminum Impact Dual Action (Tilt-Turn) Window
 - Test Standards
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - AAMA/WDMA/CSA 101/I.S.2/A440-11
 - ASTM E1886-12/13a
 - ASTM E1996-12a/14a
 - Design Pressure = +/-65 psf
- Certification by National Accreditation and Management Institute, Inc.
- Impact Glazing Interlayer: Kuraray America SentryGlas (SG) per current Miami Dade Notice of Acceptance (N.O.A.) MD N.O.A. SentryGlas (SG) can be found [here](#).

Performance Testing:

- TAS 201-94
- TAS 202-94
- TAS 203-94
- AAMA/WDMA/CSA 101/I.S.2/A440-17
- AAMA/WDMA/CSA 101/I.S.2/A440-11
- ASTM E1886-12/13a
- ASTM E1996-12a/14a

Equivalency Evaluation of AAMA/ASTM Performance Testing:

- Testing conducted to AAMA and ASTM standards listed above have been reviewed against the current requirements of the Florida Building Code including the 8th Edition (2023) FBC and found to be in conformance with the following 2023 FBC Standards.
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - AAMA/WDMA/CSA 101/I.S.2/A440-11

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- ASTM E1886-13a
- ASTM E1996-14a

Equivalency Evaluation of TAS 201, TAS 202 and TAS 203 Performance Testing:

- Testing conducted to TAS 201, TAS 202 and TAS 203 have been reviewed against the current requirements of the Florida Building Code including the 8th Edition (2023) FBC and found to be in conformance.

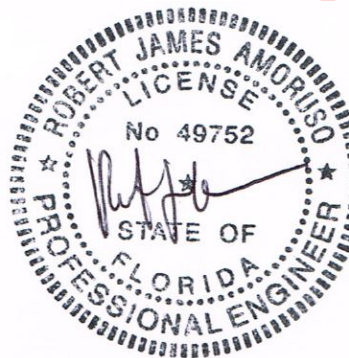
Equivalency Evaluation of Miami-Dade NOA for Kuraray America SentryGlas:

- The currently issued Miami-Dade NOA for component approval to the Florida Building Code for Kuraray America's SentryGlas Laminating Interlayer was reviewed and is in compliance with the 8th Edition (2023) Florida Building Code.
- Kuraray America Miami-Dade NOA can be found [here](#).

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.

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Evaluated by:
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