

Product Evaluation Report

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<u>Product Manufacturer</u>	<u>Product Name, Model and/or Description</u>
Renaissance Windows and Doors 13340 International Parkway Jacksonville, FL 32218	Series 8400 Vinyl Sliding Glass Door – OX, XO, OXO, OXXO Series 9700 Vinyl Sliding Glass Door – XX, OX, XO Series 9700 Vinyl Sliding Glass Door – OXO, OXXO

Code: Current Edition of the Florida Building Code including the 9th Edition (2026) Florida Building Code

Compliance Method: 61G20-3.005(1)(A) – Certification Mark or Listing

Product Name, Model and/or Designation: Products covered by this evaluation include the following.

- Series 8400 Vinyl Sliding Glass Door, Drawing No. RWD0024:
 - OX and XO
 - OXO
 - OXXO
- Series 9700 Vinyl Sliding Glass Door, Drawing No. RWD0019 and RWD0020:
 - OX and XO
 - XX
 - OXO
 - OXXO

Product Testing, Materials and Certification (as applicable):

- Series 8400 Vinyl Sliding Glass Door – OX, XO, OXO, OXXO, Drawing No. RWD0024
 - Intertek/ATI Inc. G5681-01-901-44-r0 (OX, 96x83 & 96x96 frame heights), dated 5/24/17, testing conduct to AAMA/WDMA/CSA 101/I.S.2/A440-08/11.
 - Intertek/ATI Inc. E9674-01-901-44-r0 (OXO, 130x84 frame height), dated 9/2/15, testing conduct to AAMA/WDMA/CSA 101/I.S.2/A440-08/11.
 - Intertek/ATI Inc. D4937-01-901-44-r0 (OXXO, 142x80 frame height), dated 4/3/14, testing conduct to AAMA/WDMA/CSA 101/I.S.2/A440-08.
- Series 9700 Vinyl Sliding Glass Door – XX, OX, XO, Drawing No. RWD0019 & Series 9700 Vinyl Sliding Glass Door – OXO, OXXO, Drawing No. RWD0020
 - Intertek/ATI Inc. E0597.03-550-18 (OX), dated 3/12/15, testing conduct to TAS 201-94, TAS 202-94 and TAS 203-94, signed and sealed by Shawn Collins, PE, (FL No. 70655).
 - Intertek/ATI Inc. E0597.04-550-18 (XX), dated 12/15/14, testing conduct to TAS 201-94, TAS 202-94 and TAS 203-94, signed and sealed by Shawn Collins, PE, (FL No. 70655)
 - Intertek/ATI Inc. E0597.02-550-18 (OXO), dated 12/15/14, testing conduct to TAS 201-94, TAS 202-94 and TAS 203-94, signed and sealed by Shawn Collins, PE, (FL No. 70655).
 - Intertek/ATI Inc. E0597.01-550-18 (OXXO), dated 12/15/14, testing conduct to TAS 201-94, TAS 202-94 and TAS 203-94, signed and sealed by Shawn Collins, PE, (FL No. 70655).

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Product Installation Instructions:

- Drawing No. RWD0024, Rev. A dated 8/4/26 by Robert. J. Amoruso, Renaissance Windows and Doors, Series 8400 Vinyl Sliding Glass Door - OX, XO, OXO, OXXO Fin & Through-Frame Installation Anchorage Details.
- Drawing No. RWD0019, Rev. A dated 8/4/26 signed and sealed by Robert. J. Amoruso, Renaissance Windows and Doors, Series 9700 Vinyl Sliding Glass Door - XX, OX, XO, Through-Frame Installation Anchorage Details.
- Drawing No. RWD0020, Rev. A dated 8/4/26 signed and sealed by Robert. J. Amoruso, Renaissance Windows and Doors, Series 9700 Vinyl Sliding Glass Door – OXO, OXXO, Through-Frame Installation Anchorage Details

Material Certifications/Component Approvals:

- Laminated Glass Interlayer:
 - See current Miami-Dade Notice of Acceptance (NOA) for component approval for Trosifol PVB Glass Interlayer by Kuraray America, Inc. used with this product. Kuraray America NOA can be found [here](#).
 - See current Miami-Dade Notice of Acceptance (NOA) for component approval for SentryGlas (SG) Glass Interlayer by Kuraray America, Inc. used with this product. Kuraray America NOA can be found [here](#).
- Vinyl (PVC) Framing Extrusions:
 - See current Miami-Dade Notice of Acceptance (NOA) for component approval for Door frame material: Quanex Building Products, Inc. (Mikron Industries, Inc. Subsidiary of Quanex) Vinyl (PVC) per the latest Miami-Dade Notice of Acceptance (NOA). Quanex NOA can be found [here](#).

Engineering Analysis & Evaluation: The following evaluations, engineering and/or rational analysis/calculations have been performed.

- Drawing No. RWD0024
 - Anchorage to structural substrate has been verified by calculation (ACE-CALC-2663) prepared by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code.
- Drawing No. RWD0019 and RWD0020
 - Anchorage to structural substrate has been verified by calculation (ACE-CALC-2653) prepared by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code.

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Performance Standards (used in testing):

- AAMA/WDMA/CSA 101/I.S. 2/A440-08
- AAMA/WDMA/CSA 101/I.S. 2/A440-11
- TAS 201-94
- TAS 202-94
- TAS 203-94

Limitations & Conditions of Use:

- This product has not been evaluated for use inside the HVHZ (High Velocity Hurricane Zone).
 - Series 8400 Vinyl Sliding Glass Door – OX, XO, OXO, OXXO, Drawing No. RWD0024
- These products have been evaluated for use inside the HVHZ (High Velocity Hurricane Zone).
 - Series 9700 Vinyl Sliding Glass Door – XX, OX, XO, Drawing No. RWD0019
 - Series 9700 Vinyl Sliding Glass Door – OXO, OXXO, Drawing No. RWD0020
- This product will require an impact protective device when used in Windborne Debris Regions.
 - Series 8400 Vinyl Sliding Glass Door – OX, XO, OXO, OXXO, Drawing No. RWD0024
- These products will not require an impact protective device when used in Wind Borne Debris Regions.
 - Series 9700 Vinyl Sliding Glass Door – XX, OX, XO, Drawing No. RWD0019
 - Series 9700 Vinyl Sliding Glass Door – OXO, OXXO, Drawing No. RWD0020
- Refer to Product Installation Instructions noted above for:
 - Maximum allowable wind loads at related maximum allowable size(s).
 - Overall dimensions and material/grade of main product components, accessories, etc.
 - Illustrated diagrams of the attachment of the product to substrate structure.
 - Anchor type(s), size(s), substrate(s), embedment, edge distance, and spacing/locations.
- Site wind pressures shall be determined by a licensed professional engineer in accordance with the current edition of the Florida Building Code (and/or ASCE 7 as referenced in the current edition of the Florida Building Code) for components and cladding based on allowable stress design.
- Site conditions not covered in this product evaluation document are subject to additional engineering analysis by a licensed professional engineer or registered architect as required by the authority having jurisdiction.
- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

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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
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Evaluated by:
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