

Product Evaluation Report

Rule 61G20 F.A.C. | Report No. PER-ACE-1022, Rev. 2 | ACE-2023-124 | 11/30/23 | Page 1 of 2

Product Manufacturer

Sunset Windows and Doors, LLC
910 Warehouse Road, Unit 110104
Orlando, FL 32803

Product Name, Model, Series and/or Description

Series AL-580 Aluminum Single Entry Outswing Door
Series V-750 Vinyl Single Entry Inswing Door

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

Compliance Methods:

- Product Approval Rule 61G20-3.005(1)(a) – Certification Mark or Listing

Product Testing, Materials and Certification:

- NCTL Test Report No. NCTL-210-4130-03, dated 7/10/19
 - PRODUCT TYPE: X – 58MM Single Door Outswing
 - SERIES/ MODEL: “AL 580” Aluminum 58MM Single Entry Door Outswing
 - AAMA/WDMA/CSA 101/I.S. 2/A440-08/11
 - Class AW-PG50 1219 x 2438 (48 x 96)-SHD
 - Certification by National Accreditation and Management Institute, Inc.
 - NAMI Notice of Product Certification No. NI014624
- NCTL Test Report No. NCTL-210-4130-05, dated 8/28/19
 - PRODUCT TYPE: X – Inswing Door
 - SERIES/ MODEL: “V-750” Vinyl Inswing Door
 - AAMA/WDMA/CSA 101/I.S. 2/A440-08/11
 - Class CW-PG35 1219 x 2438 (48 x 96)-SHD
 - Certification by National Accreditation and Management Institute, Inc.
 - NAMI Notice of Product Certification No. NI014625

Product Installation Instructions:

- Sunset Windows & Doors, Series AL-580 Aluminum Single Entry Outswing Door, Non-Impact, Installation Instructions Drawing No. NL-0110, Rev. A, signed and sealed by Robert J. Amoruso, P.E. on 11/30/23.
- Sunset Windows & Doors, Series V-750 Vinyl Single Entry Inswing Door, Non-Impact, Installation Instructions Drawing No. NL-0114, Rev. A, signed and sealed by Robert J. Amoruso, P.E. on 11/30/23.

Performance Testing:

- AAMA/WDMA/CSA 101/I.S.2/A440-08/11

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

- Anchorage has been verified by calculation prepared by Robert J. Amoruso, P.E. in accordance with the current edition of the Florida Building Code.
- Door glazing verified using ASTM E1300-12AE1.

Limitations & Conditions of Use:

- The following product(s) has/have not been evaluated for use inside the HVHZ (High Velocity Hurricane Zone).
 - Sunset Windows & Doors, Series AL-580 Aluminum Single Entry Outswing Door, Non-Impact
 - Sunset Windows & Doors, Series V-750 Vinyl Single Entry Inswing Door, Non-Impact

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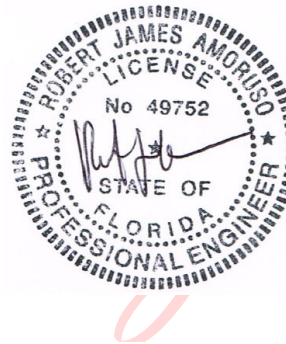
Rule 61G20 F.A.C. | Report No. PER-ACE-1022, Rev. 2 | ACE-2023-124 | 11/30/23 | Page 2 of 2

- The following product(s) is/are not Impact Resistance and will require an impact protective device when used in wind borne debris regions.
 - Sunset Windows & Doors, Series AL-580 Aluminum Single Entry Outswing Door, Non-Impact
 - Sunset Windows & Doors, Series V-750 Vinyl Single Entry Inswing Door, Non-Impact
- 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 the 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.

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:

2023.11.30

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