

Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2745-PER, Rev. 1 | Project No. 423-0813 | 10/18/2023 | Page 1 of 2

Product Manufacturer

Lomanco, Inc.
2101 West Maim St.
Jacksonville, AR 72076

Product Name, Model and/or Description

Series OSV-40 Solar Vent and Panel

Code:

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

Compliance Method:

- Product Approval Rule 61G20-3.005(1)(d) – Product Evaluation Report by a Licensed Professional Engineer

Product Name, Model and/or Designation:

- Series OSV-40 Solar Vent and Panel

Installation Drawing No.:

- PTC Product Design Group Drawing No. LOM0001, original issue, dated 6/4/2023, signed and sealed by James D Wells P.E., FL License Number 53616

Engineering Analysis & Evaluation:

- Anchorage engineering (PTC Calc No. 2745-Calc) in accordance with the current edition of the Florida Building Code, signed and sealed by James D Wells P.E., FL License Number 53616.

Testing: Performance testing based upon test reports as follows:

- Construction Consulting Laboratory International. Test Report No. CCLI-012-001, dated 01/27/2012
 - Test for structural performance to ASTM E330-02 at a test load of -170 psf.
 - Safety factor of 2 applied to structural test load results yields design pressure of -85 psf.
- Testing was conducted with testing standard ASTM E330-02. The 8th Edition (2023) Florida Building Code requires testing to ASTM E330-14. The code-referenced performance standard was reviewed against the testing performance standard and was found to be equivalent. See PTC Report No. 2745-EER, Rev. 0, dated 10/16/2023, signed and sealed by James D Wells P.E., FL License Number 53616.

Limitations & Conditions of Use:

- This product has not been evaluated for use inside the High Velocity Hurricane Zone (HVHZ).
- This product has not been tested for impact resistance.
- 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 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.



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- 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

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Digitally signed by
James D Wells Jr
Date: 2023.10.18
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This item has been electronically signed and sealed by James D. Wells, Jr., P.E. on 10/18/2023 using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Evaluated By:
James D Wells, P.E.
FL P.E. License Number 53616

