

Product Evaluation Report

Rule 61G20-3 F.A.C. | Report No. 2420-PER, Rev. 3 | Project No. 422-0608 | 6/23/23 | Page 1 of 3

Manufacturer

ProVia LLC
301 Industrial Park Rd.
Booneville, MS 38829

Product Series, Model and/or Description

Vinyl (PVC) Soffit

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)(d) – Product Evaluation Report by a Licensed Professional Engineer

Product Testing Results: testing by RADCO - Resources, Applications, Designs and Controls, Inc. Listing and Testing Division, 3220 E. 59th Street, Long Beach, CA 90805 – See Appendix A Matrix for more details.

- RAD-1200A, Report Date: 6/19/2009, ASTM D3679-88
- RAD-2249A, Report Date: 6/15/2009, ASTM D5206-96
- RAD-4221A, Report Date: 6/12/2009, ASTM D5206-06a and ASTM D3679-06a
- RAD-5161, Report Date: 05/15/2012, ASTM D5206-06a and ASTM D3679-09a

Product Installation Instructions:

- HSL0021, Revision B, dated 6/23/23, *ProVia LLC, Vinyl (PVC) Soffit - Installation Anchorage Details*, signed and sealed by Robert J. Amoruso, P.E., FL License No. 49752.

Performance Testing: See Appendix A Matrix for more details.

- ASTM D3679-88, Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding
- ASTM D3679-06a, Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding
- ASTM D3679-09a, Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding
- ASTM D5206-96, Standard Test Method for Windload Resistance of Rigid Plastic Siding
- ASTM D5206-06a, Standard Test Method for Windload Resistance of Rigid Plastic Siding

Product Evaluation:

- Engineering Evaluation No. 2416, Rev. 3, Installation Evaluation, signed and sealed by Robert J. Amoruso, P.E., FL License No. 49752.
- Equivalency Evaluation No. 2420-EER, Rev. 3, ProVia LLC Vinyl (PVC) Soffit Performance Test Standard Equivalency Evaluation, signed and sealed by Robert J. Amoruso, P.E., FL License No. 49752.

Limitations & Conditions of Use:

- See Anchor Installation Drawing for Design Pressure Rating.
- This product has not been evaluated for use inside the HVHZ (High Velocity Hurricane Zone)
- This product is not Impact Resistance.
- 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.



PTC Product Design Group, LLC | PO Box 520775 | Longwood, FL 32752-0775
321-690-1788 | FBPE Certification of Authorization No. 25935

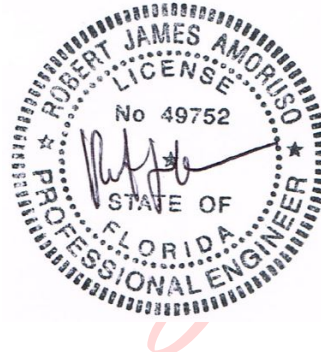
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- Adequacy of the existing structural substrates as a main wind force resisting system capable of withstanding and transferring applied product loads to the foundation is the responsibility of the licensed professional engineer or registered architect acting as the design professional of record for the project of installation.

Certificate of Independence per Product Approval Rule 61G20-3.009

PTC Product Design Group, LLC and 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. PTC Product Design Group, LLC and Robert J. Amoruso, P.E. do 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:
2023.12.01
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Evaluated by:
Robert J. Amoruso, P.E.
FL PE License No. 49752



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Appendix A - Test Reports/Product Matrix

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Soffit Specs						Tested Neg. Pressure (psf)	Maximum Neg. Design Pressure (psf) (1)	Test Reports		Rational Evaluation
BOM ITEM No.	Description	Type	Nominal Exposure (in)	Overall Height (In)	Thickness (in)			Materials	Windload	
1	Universal	Double 5" (D5)	10	11.388	0.04	31.2	20.8	RAD-1200A, Report Date: 6/19/2009	RAD-2249A, Report Date: 6/15/2009	Note 2
2	Universal	Triple 4" (T4)	12	13.328	0.04	31.2	20.8		RAD-5161, Report Date: 05/15/2012	
3	HeartTech	Double 6" (D6)	11.5	12.841	0.046	29.29	19.53		RAD-4221A, Report Date: 6/12/2009	
4	Woodhaven	Triple 3-1/2"	9.875	11.573	0.044	31.2	20.8		RAD-2249A, Report Date: 6/15/2009	Note 2
5	Beaded	Triple 1-3/4"	6.1	6.1	0.042	31.89	21.26		RAD-5161, Report Date: 05/15/2012	

NOTES:

1) DP=STP / 1.5

2) Test Pressure and subsequent DP revised to 20.8 psf to allow for 12" anchor spacing (Engineering Evaluation No. 2416).

