

Product Evaluation Report

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Product Manufacturer

ProVia - Heartland
301 Industrial Park Rd.
Booneville, MS 38829

Product Series, Model and/or Description

Vinyl (PVC) Siding

Code: Current Edition of the Florida Building Code including the 7th Edition (2020) Florida Building Code

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

Product Testing Results:

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-4267A, Report Date: 6/12/2009, ASTM D3679-06a
- RAD-1200A, Report Date: 6/19/2009, ASTM D3679-88
- RAD-2066A, Report Date: 6/15/2009, ASTM D3679-99a
- RAD-1744A, Report Date: 6/15/2009, ASTM D3679-94
- RAD-4181, Report Date: 8/15/2007, ASTM D3679-06a
- RAD-2249A, Report Date: 6/15/2009, ASTM D5206-96
- RAD-2821A, Report Date: 6/15/2009, ASTM D5206-96
- RAD-3556A, Report Date: 6/15/2009, ASTM D5206-96
- RAD-3691A, Report Date: 6/12/2009, ASTM D5206-96
- RAD-4221A, Report Date: 6/12/2009, ASTM D5206-06a and ASTM D3679-06a
- RAD-4264A, Report Date: 6/12/2009, ASTM D5206-06a and ASTM D3679-06a
- RAD-4398, Report Date: 10/31/2008, ASTM D5206-06a and ASTM D3679-06a
- RAD-5160, Report Date: 05/15/2012, ASTM D5206-06a and ASTM D3679-09a
- RAD-5590, Report Date: 11/6/14, ASTM D5206-13 and ASTM D3679-13

Intertek, 130 Derry Court, York, Pennsylvania 17406 – See Appendix A Matrix for more details.

- Intertek No. I0982.01-106-31 R0, Dated 3/9/18, ASTM D3679-17
- Intertek No. I0982.02-109-40 R0, Dated 3/7/18, ASTM D3679-17 and ASTM D5206-17

Product Installation Instructions:

- HSL0020, Rev. B, dated 4/7/21, *ProVia - Heartland, Vinyl (PVC) Siding - 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 D3679-94, Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding
- ASTM D3679-99a, 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 D3679-13, Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding



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- ASTM D3679-17, 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
- ASTM D5206-13, Standard Test Method for Windload Resistance of Rigid Plastic Siding
- ASTM D5206-17, Standard Test Method for Windload Resistance of Rigid Plastic Siding
- UL 723-2008, Standard for Test for Surface Burning Characteristics of Building Materials (UL 723 is equivalent to ASTM E84)

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. 2419-EER, Rev. 3, ProVia - Heartland Vinyl (PVC) Siding 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.
- 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.

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



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Appendix A - Test Reports/Product Matrix

Orientation	Siding Specs						Tested Neg. Pressure (psf)	Maximum Neg. Design Pressure (psf)	Test Reports		EPS Foam Certification
	BOM ITEM No.	Description	Type	Nominal Wall Exposure (in)	Overall Height (In)	Thickness (in)			Materials	Windload	
Horizontal Siding	1	Arbor Glen	D45	9	10.319	0.042	45.41	RAD-4267A, Report Date: 6/12/2009 RAD-1200A, Report Date: 6/19/2009 RAD-2066A, Report Date: 6/15/2009 RAD-1744A, Report Date: 6/15/2009 RAD-4181, Report Date: 8/15/2007		RAD-5160, Report Date: 05/15/2012	
	2	Arbor Glen	D45 Dutchlap	9	10.368	0.042	45.41		60.55	RAD-5160, Report Date: 05/15/2012	
	3	Autumnwood	D4	8	9.25	0.042	45.76		61.01	RAD-2249A, Report Date: 6/15/2009	
	4	Autumnwood	D5	10	11.19	0.042	45.76		61.01	RAD-2249A, Report Date: 6/15/2009	
	5	Autumnwood	D4 Dutchlap	8	9.216	0.042	45.76		61.01	RAD-2249A, Report Date: 6/15/2009	
	6	Autumnwood	D5 Dutchlap	10	11.285	0.042	45.76		61.01	RAD-2249A, Report Date: 6/15/2009	
	7	Autumnwood	T3	9	10.436	0.042	45.76		61.01	RAD-2249A, Report Date: 6/15/2009	
	8	Cedar Peaks	D45	9	10.59	0.046	74.53		99.37	RAD-2821A, Report Date: 6/15/2009	
	9	Cedar Peaks	D45 Dutchlap	9	10.59	0.046	68.64		91.52	RAD-3691A, Report Date: 6/12/2009	
	10	Cedar Peaks	Beaded 65	6.5	7.821	0.048	53.21		70.95	RAD-4398, Report Date: 10/31/2008	
	11	CedarMAX	S7 w/EPS Foam	7	8.6	0.050	77.83		103.77	RAD-4264A, Report Date: 6/12/2009	Note 1
	12	CedarMAX	D6 w/EPS Foam	12	13.6	0.050	67.43		89.91	RAD-4398, Report Date: 10/31/2008	Note 1
	13	CedarMAX	T4 Dutchlap w/EPS Foam	12	13.6	0.046	67.43		89.91	RAD-4398, Report Date: 10/31/2008	Note 1
	14	HeartTech	D4	8	9.26	0.044	69.16		92.21	RAD-3556A, Report Date: 6/15/2009	
	15	HeartTech	D5	10	11.3	0.044	69.16		92.21	RAD-3556A, Report Date: 6/15/2009	
	16	HeartTech	D4 Dutchlap	8	9.3	0.044	69.16		92.21	RAD-3556A, Report Date: 6/15/2009	
	17	HeartTech	D5 Dutchlap	10	11.3	0.044	69.16		92.21	RAD-3556A, Report Date: 6/15/2009	
	18	Single	S8	8	9.36	0.046	48.36		64.48	RAD-5160, Report Date: 05/15/2012	
	19	Ultra	D4	8	9.25	0.040	45.76		61.01	RAD-2249A, Report Date: 6/15/2009	
	20	Ultra	D4 Dutchlap	8	9.22	0.040	45.76		61.01	RAD-2249A, Report Date: 6/15/2009	
	21	Ultra	D5 Dutchlap	10	11.285	0.040	45.76		61.01	RAD-2249A, Report Date: 6/15/2009	
Vertical Siding	22	Board 'N Batten	S7 Board 'N Batten	7	8.23	0.048	54.6	72.80		RAD-4221A, Report Date: 6/12/2009	
	23	Board 'N Batten	S8 Board 'N Batten	8	9.23	0.050	61.19	81.59		RAD-5590, Report Date: 11/6/2014	
	24	Board 'N Batten	S8 Board 'N Batten w/EPS Foam	8	9.23	0.050	64.83	86.44		RAD-5590, Report Date: 11/6/2014	Note 1
	25	Willowbrook	D5	10	11.364	0.042	51.7	68.93	Intertek No. I0982.02-106-31 R0, Report Dated: 3/9/18	Intertek No. I0982.02-109-40 R0, Report Dated: 3/7/18	
	26	Willowbrook	D5 Dutchlap	10	15.184	0.042	51.7	68.93		Intertek No. I0982.02-109-40 R0, Report Dated: 3/7/18	
	27	Willowbrook	D4.5	9	10.357	0.042	51.7	68.93		Intertek No. I0982.02-109-40 R0, Report Dated: 3/7/18	
	28	Willowbrook	D4.5 Dutchlap	9	10.357	0.042	51.7	68.93		Intertek No. I0982.02-109-40 R0, Report Dated: 3/7/18	
	29	Willowbrook	D4	8	9.374	0.042	51.7	68.93		Intertek No. I0982.02-109-40 R0, Report Dated: 3/7/18	
	30	Willowbrook	D4 Dutchlap	8	9.345	0.042	51.7	68.93		Intertek No. I0982.02-109-40 R0, Report Dated: 3/7/18	

Note 1) Progressive Foam Technologies, Inc. Product Component: EPS Foam; Certification Agency: Underwriters Laboratories Inc. Certificate#: R18532, Tested per UL 723 – Foam Plastic Surface Burning Characteristics. UL 723 is equivalent to ASTM E84.

