

Product: *Style Crest Vinyl Siding*

Evaluator:

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305 North Oakland Ave
Nappanee, Indiana 46550

Manufacturing Location:

Style Crest, Inc.
600 Hagerty Drive
Fremont, OH 43420

1. SUBJECT:

- Fairfield and Alpine Ridge
D4, DL4, D5, and DL5 Vinyl Siding
- Spiegel Grove and Addison Heights
D4, DL4.5, D5, DL5 and T3.33 Vinyl Siding
- Oak Harbor and Bristol Bay
D4, DL4.5, D5, and DL5 Vinyl Siding
- Pro Pride DL4.5
- Carrington Collection D4, DL4.5
- 6.5 Beaded Vinyl Siding
- Board and Batten Vinyl Siding

2. SCOPE:

The above products have been evaluated for compliance with the following codes:

- Florida Building Code Seventh Edition (2020) Residential
- Florida Building Code Seventh Edition (2020) Building
- State of Florida Product Approval Program, Rule 61G 20-3, F.A.C.

Evaluation Method:

- Evaluation Report from a Licensed Florida Professional Engineer, Douglas Berger, P.E. (PE84578).

The following properties have been evaluated for the product(s) listed above:

- Wind load resistance in accordance with ASTM D3679-17
- Vinyl siding shall be certified and labeled to D3679 by an approved QC agency.

3. USES

Style Crest vinyl siding may be used as exterior wall cladding in all areas not classified as High Velocity Hurricane Zones (Broward and Miami-Dade Counties) as indicated in the referenced codes.

4. DESCRIPTION

Style Crest vinyl siding is extruded from polyvinyl chloride (PVC) and acrylic resin and conform to the requirements of ASTM D 3679, D 4226, and D 5206. The siding is available in a range of colors and textures. The wall thickness ranges from 0.038 inch to 0.048 inch as shown in Table 1.

5. INSTALLATION

5.1 General. Installation of *Style Crest vinyl siding* products must comply with ASTM D 4756, the referenced test reports, the manufacturer's published installation instructions and the applicable code. The manufacture's published installation instructions must be available at the jobsite at all times during installation.

5.2 Support. The siding must be installed over minimum 7/16-inch-thick wood structural panel sheathing in accordance with the applicable code, with an approved weather-resistive barrier placed under the siding to provide an even base, as required by code. Flashing in accordance with the referenced code must be installed at all openings, penetrations, and abutments with dissimilar materials, and at terminations of the siding and soffit.

5.3 Framing. The strength of the supporting framing, structural sheathing and the withdrawal strength of the fasteners shall be designed in accordance with the referenced codes by a registered design professional for the code required loads.

5.4 Attachment. Fasteners for attaching the siding must be 7/16-inch-crown (11.1 mm) corrosion-resistant staples, 16 gage and 1-½-inch-long (38 mm), or 11 gauge, minimum 1½-inch-long (38 mm) corrosive resistant nails with 7/16-inch-diameter (11 mm) heads. The fastener must be able to penetrate not less than ¾ inch into the framing or furring. A 1/16 to 1/32-inch space shall be between the fastener head (nail or staple) and the face of the vinyl nailing hem, so as not to restrict movement due to expansion and contraction. The fastener type and spacing is designated in Table 1.

5.5 Wind Resistance. The design wind pressures for the *Style Crest vinyl siding* products determined in accordance with the referenced building codes must not exceed the allowable wind pressures in Table 1.



6. CONDITIONS OF USE:

The *Style Crest vinyl siding* described in this report complies with the codes listed in Section 2 of this report, subject to the following conditions:

- 6.1. Installation must comply with this report; the manufacturer's published installation instructions and the applicable code(s). In the event of conflict between the manufacturer's instructions and this report, this report governs.
- 6.2. Siding may only be used as exterior wall cladding in all areas not classified as High Velocity Hurricane Zones (Broward and Dade Counties) as indicated in the referenced codes.
- 6.3. The vinyl siding is limited to use on exterior walls of buildings of Type V-B.
- 6.4. Maximum wall stud spacing must not exceed 16 inches (406 mm) on center.
- 6.5. The siding must be installed only on exterior walls with solid sheathing capable of supporting the imposed transverse loads. The sheathing must be covered with a weather-resistive barrier, as required by the applicable code.

7. EVIDENCE SUBMITTED:

The following evidence was submitted to evaluate this product:

- 7.1. Installation instructions.
- 7.2. Product certifications to ASTM to D3679 issued by an approved QC agency (Intertek obo the Vinyl Siding Institute)
- 7.3. Architectural Testing Inc. test report No. 01-40565.05, 2/04/2002, ASTM D5206 on T3.3 Vinyl Siding.
- 7.4. Architectural Testing Inc. test report No. 65374.01-109-40, 8/14/2006, ASTM D5206 on DL4.5 Vinyl Siding.

- 7.5. Intertek test report No. F4601.02-109-44-r0, 5/24/2016, ASTM D5206 on DL5 Vinyl Siding.
- 7.6. Intertek test report No. J3272.01-109-40-r0, 2/21/2019, ASTM D5206 on Board and Batten Vinyl Siding.
- 7.7. Intertek test report No. J7426.01-109-40-r0, 5/24/2019, ASTM D5206 on DL4.5 Vinyl Siding.
- 7.8. Intertek test report No. K1391.01-109-40-r0, 8/31/2019, ASTM D5206 on Beaded 6.5 Vinyl Siding.
- 7.9. Intertek test report No. K1392.01-109-40-r0, 8/31/2019, ASTM D5206 on D5 Vinyl Siding.
- 7.10. Intertek test report No. K1393.01-109-40-r0, 9/3/2019, ASTM D5206 on DL4.5 Vinyl Siding.
- 7.11. RADCO test report No. RAD-3076, 7/02, ASTM D5206 on D4 Vinyl Siding.
- 7.12. RADCO test report No. RAD-3078, 7/02, ASTM D5206 on D5 Vinyl Siding.
- 7.13. RADCO test report No. RAD-3079, 7/02, ASTM D5206 on T3.33 Vinyl Siding.
- 7.14. Equivalence of Product Standards from Florida Licensed Professional Engineer, Douglas Berger.

8. FINDINGS:

All vinyl siding described in this report conform to the requirements of the referenced building codes.

9. IDENTIFICATION:

Each carton of the *Style Crest vinyl siding* described in this report is identified at a minimum with the manufacture's name and /or trademark, the product code, the statement "Conforms to ASTM Specification D 3679."



Table 1: Allowable Pressures

Product Name	Additional Product Names	Profile	Typical Thickness (in.)	Allowable Pressure ^{1,2} (psf)			
				Nails ³		Staples ³	
				16" oc	8" oc	16" oc	8" oc
Fairfield	Alpine Ridge	D4, DL4	0.044	87	123	56	---
		D5, DL5		43	88	43	---
Spiegel Grove	Addison Heights	D4, DL4.5, D5, DL5, T3.33	0.040	58	125	71 119 ⁴	---
Oak Harbor	Bristol Bay	D4	0.042	87	123	56	---
		DL4.5, D5, DL5		43	88	43	---
Pro Pride	---	DL4.5	0.038	53	100	47 51 ⁴	111
Carrington Collection	---	D4, DL4.5	0.046	56 ⁵ 51 ⁵	---	71	---
6.5 Beaded	---	Beaded 6.5	0.044	45	---	---	---
Board and Batten	---	Board and Batten 7	0.048	65 when nailed at 12" oc into 7/16 OSB		---	---

¹ Allowable pressure determined in accordance with ASTM D3679-17, calculated using the following equation: $D_p = P_t / (0.5 \times 1.5)$, where P_t is the average maximum sustained static test pressure.

² Allowable pressure applies to the siding only. The strength of the structural sheathing, framing, and the withdrawal strength of the specified connectors in the structural framing must be designed in accordance with accepted engineering practice by a registered design professional.

³ Refer to Section 5.4 for fastener requirements and referenced test reports for additional details of installation.

⁴ The second value is for Double Stapled at 16" oc.

⁵ The first value is for installation through the top nail slot of the double hem, the second value is for installation through the bottom.

