Product Evaluation Report

CERTIFIED BY INTERTEK

PER - 0507

Issue Date: June 25, 2024
Revision Date: June 10, 2025
Renewal Date: June 30, 2027

SUBJECT: Wolverine Vinyl and Polypropylene Siding

CSI Section: 07 46 33 Plastic Siding

COMPANY:
CertainTeed LLC
20 Moores Road
Malvern, PA 19355
www.certainteed.com
www.wolverinesiding.com

1.0 SCOPE OF EVALUATION

1.1 Wolverine Vinyl and Polypropylene Siding have been evaluated for use as exterior wall covering in accordance with the following building codes:

- 2024, 2021, 2018 *International Building Code*® (IBC)
- 2024, 2021, 2018 *International Residential Code*® (IRC)
- 2026, 2023 Florida Building Code, Building (FBC)
- 2026, 2023 Florida Building Code, Residential (FRC)

Code sections referenced throughout this report apply to the 2021 IBC [IRC]. See Table 1 for correlation with sections of other codes.

1.2 Wolverine Vinyl and Polypropylene Siding have been evaluated for the following:

- Materials
- Installation
- Wind resistance

1.3 Uses:

- IBC Type V construction
- All building types under the IRC

2.0 STATEMENT OF COMPLIANCE

Wolverine Vinyl and Polypropylene Siding complies with the Codes listed in Section 1.1, for the properties and uses stated in Section 1.2 and 1.3, when installed as described in this report, including the Conditions of Use stated in Section 6.

Wolverine Vinyl Siding conforms to ASTM D3679 in accordance with:

IBC Sect. 1403.8
IRC Sect. R703.11

Wolverine Polypropylene Siding conforms to ASTM D7254 in accordance with:

IBC Sect. 1403.11
IRC Sect. R703.14

3.0 DESCRIPTION

Wolverine Vinyl Siding is extruded PVC siding panels formed in various profiles and surface textures. Each panel has a continuous interlocking nail hem for attachment to the exterior wall.

Wolverine Polypropylene Siding is molded polypropylene siding panels formed in various profiles and surface textures. Each panel has a continuous interlocking nail hem for attachment to the exterior wall.

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4.0 PERFORMANCE CHARACTERISTICS

4.1 Wind Resistance (Positive Pressure): Wolverine Vinyl and Polypropylene Siding are not evaluated for positive wind pressure and must be installed over structural sheathing rated and installed for the required design wind pressure.

4.2 Wind Resistance (Negative Pressure): Maximum allowable design pressures are given in Tables 2 and 3 for the specified fastening. Specified fastening meets or exceeds IBC Sections 1404.15.1 and 1404.18.1 and IRC Sections R703.3, R703.11 and R703.14.

5.0 INSTALLATION

5.1 General:

Wolverine Vinyl and Polypropylene Siding must be installed in accordance with the manufacturer's published installation instructions, the applicable Code, and this report. A copy of the manufacturer's instructions must be available on the jobsite during installation.

5.2 Wolverine Vinyl and Polypropylene Siding shall be installed over structural sheathing designed and installed to resist required wind design pressures.

5.3 Flashing and an approved water-resistive barrier shall be provided in accordance with the code.

5.4 Fasteners shall be as specified in Tables 2 and 3.

6.0 CONDITIONS OF USE

6.1 Installation must comply with this report, the manufacturer's published installation instructions, and the applicable code. In the event of a conflict with manufacturer's instructions, this report shall govern.

6.2 Wolverine Vinyl and Polypropylene Siding are limited to exterior use in Type V (IBC) construction and construction permitted by the IRC.

6.3 Wind design pressures determined from nominal design wind speeds (V_{asd}) in accordance with IBC Section 1609 and IRC Section R301.2.1 and shall not exceed the allowable wind loads specified in Tables 2 and 3.

6.4 The Wolverine Vinyl and Polypropylene Siding are manufactured under a quality control program with inspections by Intertek Testing Services NA, Inc.

7.0 SUPPORTING EVIDENCE

7.1 Test data demonstrating compliance with ASTM D3679-21 for vinyl siding.

7.2 Test data demonstrating compliance with ASTM D7254-21 for polypropylene siding.

7.3 Compliance with VSI Product Certification Program.

8.0 IDENTIFICATION

The product recognized in this report is identified by labeling that includes

- The manufacturer's name (CertainTeed LLC)
- The product name (Wolverine Vinyl Siding or Wolverine Polypropylene Siding)
- The VSI certification program mark as shown below with the Product Evaluation Report number (PER-0507)
- In close proximity to the mark, the statement: "Certified by Intertek;" followed by the applicable standards and ratings.

CERTIFICATION PROGRAM
PER-0507

Certified by Intertek:

ASTM D3679 or D7254 (as applicable)

Std Design Pressure Rating: ## PSF (ASD)

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9.0 PRODUCT EVALUATION REPORT USE

9.1 Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.

9.2 Product Evaluation Reports shall not be used in any manner that implies an endorsement of the product by Intertek or VSI.

9.3 Reference to the https://bpdirectory.intertek.com is recommended to ascertain the current version and status of this report.

10.0 OTHER CODES

FLORIDA BUILDING CODE

10.1 Scope of Evaluation:

Wolverine Vinyl and Polypropylene Siding were evaluated for compliance with the *Florida Building Code – Building* and the *Florida Building Code – Residential;* excluding High-Velocity Hurricane Zone (HVHZ) provisions.

10.2 Conclusion:

Wolverine Vinyl and Polypropylene Siding described in Sections 2.0 through 7.0 of this report, comply with the Florida building codes listed in Section 1.1, for the properties and uses stated in Section 1.2 and 1.3, when installed as described in this report, including the Conditions of Use stated in Section 6.

Wolverine Vinyl Siding conforms to ASTM D3679 in accordance with:

FBC Sect. 1404.9
FRC Sect. R703.11

Wolverine Polypropylene Siding conforms to ASTM D7254 in accordance with:

FBC Sect. 1404.12
FRC Sect. R703.14

- Compliance with the High-Velocity Hurricane Zone (HVHZ) provisions has not been evaluated.

- Intertek is an approved *evaluation entity and quality assurance entity* pursuant to Florida Statute 553.842 – *Product Evaluation and Approval*.

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TABLE 1 – CODE REFERENCES

SUBJECT	2024 IBC	2021 IBC 2018 IBC	2024 IRC	2021 IRC 2018 IRC	2026 FBC	2026 FRC
Vinyl Siding	1403.8	1403.9	R703.11	R703.11	1404.9	R703.11
Polypropylene Siding	1403.11	1403.12	R703.14	R703.14	1404.12	R703.14
Wind Resistance (Vinyl)	1404.15	1404.14	R703.3.2	R703.3.2	1405.14	R703.3.1
Wind Resistance (Polypropylene)	1404.18	1404.18	R703.3.2	R703.3.2	1405.18	R703.3.1
Installation (Vinyl)	1404.15.1	1404.14.1	R703.11.1	R703.11.1	1405.14.1	R703.11.1
Installation (Polypropylene)	1404.18.1	1404.18	R703.14.1	R703.14.1	1405.18.1	R703.14.1

TABLE 2 – WIND LOAD DESIGN PRESSURE (DP) RATING

Brand	Product	Style	Design Pressure Rating[1]	
			DP (PSF)	Fastening
Wolverine	Wildcreek	Double 4” Traditional Clapboard	56	Installed horizontally with 1-1/2-inch long, 1/8-inch shank diameter nail with a 7/16-inch head diameter. Spacing shall be 16 inch o.c. for all siding and penetrating wood framing.
		Double 5” Traditional Clapboard	51	
		Double 5” Dutchlap	51	
		Single 8” Clapboard	64	
	Prestige	Double 4” Traditional Clapboard	89	
		Double 4-1/2” Traditional	82	
		Double 4-1/2” Dutchlap	91	
	Groveland	Double 4” Traditional Clapboard	47	
		Double 4-1/2” Dutchlap	40	
		Double 5” Traditional Clapboard	42	
		Double 5” Dutchlap	38	
	Heartwood	Single 7” Shingle	87	
	Board & Batten	Single 7” Vertical	80	Installed vertically with 1-1/2-inch long, 1/8-inch shank diameter nail with a 7/16-inch head diameter. Spacing shall be 12 inch o.c. for all siding and penetrating 7/16-inch OSB or plywood sheathing.
	Beaded Porch Panel	Beaded T2 Vertical Siding	58	
	Vertical Siding	Triple 3-1/3” Vertical Siding	42	

[1]Design pressure rating is the maximum allowable negative wind load when installed with the fastening specified in the table.

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TABLE 3 – POLYPROPYLENE SIDING WIND LOAD DESIGN PRESSURE (DP) RATING

Brand	Product	Style	Design Pressure Rating[1]	
			DP (PSF)	Fastening
Wolverine	Heartwood Pro	Single 7” Shingle Siding	105	Installed horizontally with 1-1/2-inch long, 1/8-inch shank diameter nail with a 7/16-inch head diameter. Spacing shall be 10 inch o.c. for all siding and penetrating into 7/16” min. OSB or plywood.

[1]Design pressure rating is the maximum allowable negative wind load when installed with the fastening specified in the table.

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