Product Evaluation Report

CERTIFIED BY INTERTEK

VINYL SIDING INSTITUTE™

PER - 0203

Issue Date: February 25, 2022
Revision Date: March 18, 2025
Renewal Date: February 28, 2026

SUBJECT: KP Vinyl Siding
CSI Section: 07 46 33 Plastic Siding

COMPANY:

KP Building Products
34 BLAIR PARK ROADSUITE 104, PMB 318
WILLISTON, VERMONT 05495
(802) 848-7010
www.kpvinylsiding.com

1.0 SCOPE OF EVALUATION

1.1 KP Vinyl Siding has been evaluated for use as exterior wall covering in accordance with the following building codes:
- 2024, 2021 *International Building Code*® (IBC)
- 2024, 2021 *International Residential Code*® (IRC)

Code sections referenced throughout this report apply to the 2024 IBC [IRC]. See Table 1 for correlation with sections for other codes.

1.2 KP Vinyl Siding has 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

KP Vinyl 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.

KP Vinyl Siding conforms to ASTM D3679
in accordance with:
    IBC Sect. 1403.8
    IRC Sect. R703.11

3.0 DESCRIPTION

KP Vinyl Siding are 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.

4.0 PERFORMANCE CHARACTERISTICS

4.1 <u>Wind Resistance (Positive Pressure)</u>: KP Vinyl 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 <u>Wind Resistance (Negative Pressure)</u>: Maximum allowable design pressures are given in Table 2 for the specified fastening. Specified fastening meets or exceeds IBC Section 1404.15.1 and IRC Section R703.3 and R703.11.

5.0 INSTALLATION

5.1 **General:**

KP Vinyl 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 KP Vinyl 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 Table 2.

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5.4.1 For siding installed horizontally, nails shall be spaced at a maximum of 16 inches along the nail hem with every nail penetrating a minimum of 1-1/4 inches into nailable wood substrate (sheathing and stud).

5.4.2 For siding installed vertically, nails shall be spaced at a maximum of 12 inches along the nail hem with each nail penetrating through minimum 7/16 inch wood sheathing.

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 KP Vinyl Siding is 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 Table 2.

6.4 The KP Vinyl Siding is 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 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 (KP Building Products, Ltd.)

- The product name (KP Vinyl Siding)

- The VSI certification program mark as shown below with the Product Evaluation Report number (PER-0203)

- In close proximity to the mark, the statement: "Certified by Intertek;" followed by the applicable standards and ratings.

CERTIFICATION PROGRAM
PER-0203

Certified by Intertek:

ASTM D3679

Std Design Pressure Rating: ## PSF (ASD)

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

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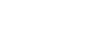
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TABLE 1 – CODE REFERENCES

SUBJECT	2024 IBC SECTION	2021 IBC SECTION	2024/2021 IRC SECTION
Material	1403.8	1403.9	R703.11
Wind Resistance	1404.15	1404.14	R703.3.2
Installation	1404.15.1	1404.14.1	R703.11.1

TABLE 2 – WIND LOAD DESIGN PRESSURE (DP) RATING

Brand	Product	Style	Design Pressure Rating[1]	
			DP (PSF)	Fastening
KP Vinyl Siding	Ashbury	Double 6	62	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
	Dakota	Double 4	67	
		Double 4 Dutchlap	73	
		Double 5	67	
		Double 5 Dutchlap	73	
		Triple 3	49	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
	Dakota Plus	Double 4	62	
		Double 4 Dutchlap	53	
		Double 5	62	
		Double 5 Dutchlap	53	
	Double 5 Vertical	Double 5 Solid	47	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 12" o.c. into 7/16" OSB sheathing
	Hudson Bay	Double 4	67	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4 Dutchlap	73	
		Double 5	67	
		Double 5 Dutchlap	73	
	Maxim	Double 4	80	
		Double 4 Dutchlap	73	
		Double 5	80	
		Double 5 Dutchlap	73	
	Maxim	Board & Batten	60	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 12" o.c. into 7/16" OSB sheathing

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Brand	Product	Style	Design Pressure Rating[1]	
			DP (PSF)	Fastening
KP Vinyl Siding	Maxim Beaded	6.5 Beaded	69	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
	Maxim XL	Double 4	80	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4 Dutchlap	73	
	Maxim XL Plus	Double 5	56	
		Double 5 Dutchlap	73	
	Northern Star	8	69	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		6.5 Beaded	69	
		Double 4	80	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 5	80	
		Triple 3	49	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4 Dutchlap	116	1/8" shank dia., 7/16" head, 2-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4-1/2 Dutchlap	116	
		Double 5 Dutchlap	116	
	Northern Star Rustic	Double 4	80	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 5 Dutchlap	53	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
	Northern Star Rustic	Double 5 Vertical	47	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 12" o.c. into 7/16" OSB sheathing
	Pro-Tuff	Double 4	67	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4 Dutchlap	73	
		Double 5	67	
		Double 5 Dutchlap	53	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
	Pro-Tuff Premium	Double 4	67	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4-1/2 Dutchlap	73	
	Weather Side	Double 4-1/2 Dutchlap	73	

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Brand	Product	Style	Design Pressure Rating[1]	
			DP (PSF)	Fastening
KP Vinyl Siding	Weather Side Plus	Double 4	62	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4 Dutchlap	53	
		Double 5	62	
		Double 5 Dutchlap	53	
KAYCAN	Verona	Double 4	62	
		Double 4 Dutchlap	53	
ABTco Vinyl Siding	10"	Vertical	67	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 12" o.c. into 7/16" OSB sheathing
	CastleGuard	Double 4	67	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4 Dutchlap	73	
	Cedar Creek	Double 4	67	
		Double 4 Dutchlap	73	
		Double 4-1/2 Dutchlap	73	
		Double 5	67	
		Double 5 Dutchlap	73	
	Fairway	Double 4	67	
	Harbor Ridge	Double 4	62	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4 Dutchlap	53	
		Double 4-1/2 Dutchlap	53	
		Double 5	62	
		Double 5 Dutchlap	53	
		Triple 3	49	
	Harbor Ridge Plus	Double 4	62	
		Double 4 Dutchlap	53	
	Harbor Ridge Rustic	Double 4	62	
		Double 5 Dutchlap	53	
	Majestic	Double 4	62	
		Double 4 Dutchlap	53	

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Brand	Product	Style	Design Pressure Rating[1]	
			DP (PSF)	Fastening
ABTco Vinyl Siding	Timber Crest	Double 4	80	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4-1/2 Dutchlap	73	
	Timber Crest Plus	Double 4	80	
		Double 4-1/2 Dutchlap	73	
	Timber Crest	Board & Batten	60	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 12" o.c. into 7/16" OSB sheathing
	Waterford	6.5 Beaded	69	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4	67	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Double 4 Dutchlap	73	
		Double 5	67	
		Double 5 Dutchlap	53	1/8" shank dia., 3/8" head, 1-1/2" long roofing nails, 16" o.c. into wood framing
		Triple 3	49	
	Waterford Select	Double 4 Dutchlap	116	1/8" shank dia., 7/16" head, 2-1/2" long roofing nails, 16" o.c. into wood framing
	WestPointe	Double 4	80	1/8" shank dia., 7/16" head, 1-1/2" long roofing nails, 16" o.c. into wood framing

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