

Reverse Board and Batten Reinforced Vertical Siding

Vinyl Siding

General Description: Reverse Board and Batten Reinforced Vertical Siding is a variant of traditional board & batten siding. This design provides the look of thin strips placed behind wider boards in order to provide a unique profile that offers a rustic appearance. The panel is provided added strength from rigid foam backing. Reverse Board and Batten Reinforced Vertical Siding is available in a Single 7" profile in 10 low-gloss designer colors in an authentic woodgrain finish, and does not require the upkeep common to wood. Designed for use as an accent panel, this profile can also be used in whole-house applications. Reverse Board and Batten Reinforced Vertical Siding is appropriate for use in new construction for single family homes, multi-housing projects and light commercial developments and is also an ideal product for remodeling.

Styles:

Profile	Finish	Panel Projection (Nominal)	Vinyl Wall Thickness (Nominal)	Lock Design	Colors	Length	Accessory Pocket
Single 7" Vertical	Woodgrain	3/8"	.046"	DuraLock™ post-formed positive lock	10	10'	3/4"

Colors: Reverse Board and Batten Reinforced Vertical Siding is available in 10 low-gloss designer colors. All colors are Spectrophotometer controlled and utilize exclusive PermaColor™ color science.

Autumn Red (23)	Colonial White (01)	Natural Clay (60)	Sterling Gray (33)	Sable Brown (29)
Charcoal Gray (46)	Midnight Blue (45)	Pacific Blue (27)	Granite Gray (34)	Savannah Wicker (59)

Accessories: CertainTeed manufactures a wide range of siding accessories that are compatible with Reverse Board and Batten Reinforced Vertical Siding styles and colors. Accessory products include installation components, soffit, window and door trim, corner lineals, corner systems, and decorative moldings.

Composition: Reverse Board and Batten Reinforced Vertical Siding is manufactured of components using PVC resin extruded and fused with an expanded Polystyrene (EPS) foam backing.

Technical Data: Reverse Board and Batten Reinforced Vertical Siding is in compliance with ASTM D7445 specification for Backed Vinyl Siding, and the requirements of the 2021 and 2024 International Residential Code and International Building Code, the 2020 and 2023 Florida Residential Code and Florida Building Code, and the 2019 and 2022 California Residential Code and California Building Code. Reverse Board and Batten Reinforced Vertical Siding meets or exceeds the properties noted in Table 1.

Table 1.

ASTM D 7445	Surface Distortion: No distortion at 150° F.
ASTM C 303	Polystyrene Density: 2.0 lb./cu. ft.
ASTM E 96	Water Permeability: Not less than 5.0 perm/inch maximum
ASTM C 272	Water Absorption: < 2.75% by volume

ASTM E 84	Fire Characteristics: Flame Spread Index ≤ 15 Smoke Development Index ≤ 800 EPS Backing Flame Spread Index ≤ 75 Smoke Development Index ≤ 450
NFPA 268	Radiant Heat Test – Ignition Resistance of Exterior Walls - Conclusion that CertainTeed met the conditions for allowable use as specified in section 1406 of the International Building Code.
ASTM D 635	Vinyl Siding facing material is self-extinguishing with no measurable extent of burn when tested in accordance with this specification.

Important Fire Safety Information: When rigid vinyl siding is exposed to significant heat or flame, the vinyl will soften, sag, melt or burn, and may thereby expose material underneath. Although the expanded polystyrene backing is treated with a fire retardant chemical and will not support combustion, it is an organic material and should therefore be considered flammable if exposed to an open flame or ignition source. Also care must be exercised when selecting underlayment materials because many underlayment materials are made from organic materials that are combustible. You should ascertain the fire properties of underlayment materials prior to installation. All materials should be installed in accordance with local, state and federal Building Code and fire regulations.

Wind Load Testing: Reverse Board and Batten Reinforced Vertical Siding has been tested per ASTM 5206 standard test method for wind load resistance to withstand negative wind load pressures and their mph equivalents as shown in the chart below. The product exceeds industry standards for wind load performance. Check with your local building inspector for wind load requirements in your area for the type of structure you are building.

Table 2

Product	Fastener Spacing	2015/2018 IBC/IRC			2021/2024 IBC/IRC		
		Standard Design Pressure Rating	Maximum Windspeed (mph)		Standard Design Pressure Rating	Maximum Windspeed (mph)	
			ASD	ULT		ASD	ULT
Reverse B & B Single 7" Vertical	Nails 16" o.c.	55.6	152	196	55.6	152	196

* Windload calculations based on ASTM D3679, ASCE 7-16, 30ft High, Exposure B

Documents: Reverse Board and Batten Reinforced Vertical Siding meets the requirements of the following specification:

Intertek CCRR-0451

Conforms to ASTM Specification D7445

For specific product evaluation/approval information, call 800-233-8990.

Installation: Prior to commencing work, verify governing dimensions of building, examine, clean and repair, if necessary, any adjoining work on which the siding is in any way dependent for its proper installation. Sheathing materials must have an acceptable working surface. Siding, soffit and accessories shall be installed in accordance with the latest editions of CertainTeed installation manuals on siding and soffit. Installation manuals are available from CertainTeed and its distributors.

Warranty: CertainTeed supports Reverse Board and Batten Reinforced Vertical Siding products with a Lifetime Limited Warranty including PermaColor Lifetime Fade Protection to the original homeowner. The warranty is transferable if the home is sold.

Technical Services: CertainTeed maintains an Architectural Services staff to assist building professionals with questions regarding CertainTeed siding products. Call 800-233-8990 for samples and answers to technical or installation questions.

Sample Short Form Specification: Siding as shown on drawings or specified herein shall be Reverse Board and Batten Reinforced Vertical Siding as manufactured by CertainTeed LLC, Malvern, PA.

Three-part Format Specifications: Long form specifications in three-part format are available from CertainTeed by calling our Architectural Services Staff at 800-233-8990. These specifications are also available on our website at certainteed.com.



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