

## CERTAplank™ Reinforced Siding

**General Description:** CERTAplank™ Reinforced Vinyl Siding provides added strength from rigid foam insulation with the easy maintenance of vinyl. CERTAplank siding comes in a Single 7” profile that offers a wide, flat face profile that replicates the look of wood siding and is available in 10 low-gloss designer colors in an authentic woodgrain finish. It is appropriate for use in new construction for single family homes, multi-housing projects and light commercial developments. CERTAplank Reinforced Siding 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” Clapboard	Woodgrain	3/8”	.046”	Post - formed positive lock	10	12’ 4-1/2”	3/4”

**Colors:** CERTAplank reinforced Siding is available in the industry’s widest selection of colors. All colors are Spectrophotometer controlled and utilize exclusive PermaColor™ color science.

Castle Stone (37)	Colonial White (01)	Flagstone (97)	Natural Clay (60)	Savannah Wicker (59)
Charcoal Gray (46)	Granite Gray (34)	Forest (47)	Pacific Blue (27)	Sterling Gray (33)

**STUDfinder™:** The patented STUDfinder Installation System for horizontal siding combines precisely engineered nail slot locations with graphics. Nail slots are positioned 16” on center to allow for alignment with studs. STUDfinder graphics centered at each slot provide a quick and easy guide to help locate studs.

**Lock:** CERTAplank reinforced siding’s post-formed positive lock creates a positive, secure lock application with self-aligning installation that also provides exceptional wind resistance.

**Accessories:** CertainTeed manufactures a wide range of siding accessories that are compatible with CERTAplank reinforced siding styles and colors. Accessory products include installation components, soffit, window and door trim, corner lineals, corner systems, decorative moldings and insulated shims.

**Composition:** CERTAplank reinforced siding products are manufactured of components using PVC resin extruded and fused with expanded Polystyrene (EPS) foam insulation.

**Technical Data:** CERTAplank reinforced siding is in compliance with ASTM D7445 specification for Backed Vinyl Siding, and the requirements of section R703.11 of the International Residential Code, and section 1404.14 of the International Building Code. CERTAplank reinforced 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: Vinyl Siding Facing Flame Spread Index <=25 EPS Backing Flame Spread Index <=75 Smoke Development Index <=450
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:** CERTAplank reinforced 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 IBC/IRC		
		Standard Design Pressure Rating	Maximum Windspeed (mph)		Standard Design Pressure Rating	Maximum Windspeed (mph)	
			ASD	ULT		ASD	ULT
Single 7" Clapboard	Nails 16" o.c.	114.3	218	281	82.3	185	239

\* Windload calculations based on ASTM D7793, ASCE 7-16, 30ft High, Exposure B

**Documents:** CERTAplank Reinforced Siding meets the requirements of one or more of the following specifications:

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 CERTAplank reinforced 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 CERTAplank 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](http://certainteed.com).



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