

CedarBoards™ Insulated Siding

General Description: CedarBoards™ Insulated Vinyl Siding provides the thermal benefit and added strength of rigid foam insulation with the easy maintenance of vinyl. CedarBoards siding is manufactured with TrueTexture™ rough cedar finish molded directly from real cedar boards and is available in a selection of profiles. It is appropriate for use in new construction for single family homes, multi-housing projects and light commercial developments. CedarBoards Insulated Siding is also an ideal product for remodeling.

Styles:

Profile	Finish	Panel Projection (Nominal)	Vinyl Wall Thickness (Nominal)	Lock Design	Colors	Length	Accessory Pocket
Double 6" Clapboard	Rough Cedar	1-1/8" with foam	.044"	DuraLock™ post-formed positive	18	12'6" and 16'8"	1-1/4"
Single 7" Clapboard	Rough Cedar	1-1/8" with foam	.044"	DuraLock™ post-formed positive	17	12'3" and 16'8"	1-1/4"
Double 4" Clapboard	Rough Cedar	1-1/8" with foam	.044"	DuraLock™ post-formed positive	12	12'6"	1-1/4"
Double 4-1/2" Dutchlap	Rough Cedar	1-1/8" with foam	.044"	DuraLock™ post-formed positive	12	12'1"	1-1/4"
Single 12" Vertical Board & Batten	Rough Cedar	1-1/8" with foam	.052"	DuraLock™ post-formed positive	12	10'	1-1/4"

Colors: CedarBoards Insulated Siding profiles are available in the industry's widest selection of colors. All colors are Spectrophotometer controlled and utilize exclusive PermaColor™ color science.

Autumn Red (23) **	Desert Tan (07)	Natural Clay (60)	Savannah Wicker (59)
Buckskin (41) #	Flagstone (97) *	Oxford Blue (32)	Spruce (16) *
Charcoal Gray (46) *	Granite Gray (34)	Pacific Blue (27) ^	Sterling Gray (33)
Colonial White (01)	Heritage Cream (11)	Sable Brown (29) *	
Cypress (42)	Light Maple (55)	Sandstone Beige (15)	

*D6 & S7 profiles only ** D6, S7 and Board & Batten profiles only ^ D6 Profile only # not available in Board & Batten

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: CedarBoards Insulated Siding's exclusive DuraLock™ is a substantially larger lock than is found on competing products, with a rigid teardrop shape and engineered angular locking leg for a positive, snap fit application and exceptional wind resistance.

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

Composition: CedarBoards Insulated Siding products are produced of components using CertaVin™ custom-formulated PVC resin produced exclusively by CertainTeed, extruded and fused with expanded Polystyrene (EPS) foam insulation.

Technical Data: CedarBoards Insulated Siding is in compliance with ASTM D7793 specification for Insulated Vinyl Siding, the ASTM specification C578 Rigid, Cellular Polystyrene Thermal Insulation, and the requirements of sections R703.13 of the International Residential Code, and sections 1404.14 and 2603 of the International Building Code. CedarBoards Insulated Siding meets or exceeds the properties noted in Table 1.

Table 1

ASTM D 7793	Surface Distortion: No distortion at 150° F.
ASTM C 303	Polystyrene Density: 1.0 lb./cu. ft.
ASTM C 1363	R-Value: D6 = R2.2 S7 =R2.0 D4 = R2.0 D4.5DL = 2.3 S12 Board & Batten = R2.7
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.

Sustainability:

- CedarBoards D6 contains a minimum of 60% post-consumer and post-industrial recycled material.
- Life cycle analysis tools such as BEES show vinyl siding to have a lower environmental impact than a majority of cladding options.
- Installation of Vinyl Siding eliminates the need for paint and caulk, decreasing maintenance and the projects’ environmental impact.
- The majority of raw materials used to manufacture our vinyl products are shipped by rail, decreasing emissions and the need for over-the-road transportation.
- Unlike a majority of cladding choices, Vinyl Siding is recyclable. CertainTeed is leading an initiative to take back post-consumer siding from builders and manufactured housing plants, creating a “cradle to cradle” system that will close the loop on manufacturing our vinyl products.
- The manufacturing process used by vinyl producers is less energy and resource intensive than that used by other cladding choices such as brick and stucco.
- Can increase overall thermal performance, helping to reduce energy costs
- Almost 100% of raw material inputs are used in the manufacturing process of CertainTeed’s Vinyl Siding product lines, practically eliminating landfill waste from manufacturing these products.
- Contributes to earning LEED points:

Wind Load Testing: CedarBoards Double 4" siding has been tested per ASTM D 5206 standard test method for resistance to negative wind load pressures of 120 psf, which equates to 221 mph (V_{ASD}) and 285 mph (V_{ULT}) when installed with nails positioned 16" on center. Single 7" siding has been tested to 73 psf or 170 mph (V_{ASD}) and 220 mph (V_{ULT}), and Board & Batten siding has been tested to 65 psf or 160 mph (V_{ASD}) and 207 mph (V_{ULT}). Check with your local building inspector for wind load requirements in your area on the type of structure you are building.

Documents: CertainTeed Vinyl Siding meets the requirements of one or more of the following specifications:

Conforms to ASTM Specification D7793

Florida BCIS Approval FL10421

Texas Department of Insurance Product Evaluation EC-11

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

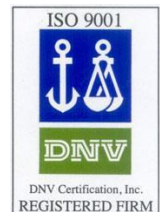
Installation: Prior to commencing work, verify governing dimensions of building, examine, clean and repair, if necessary, any adjoining work on which the siding is in any way dependent for its proper installation. Sheathing materials must have an acceptable working surface. Siding, soffit and accessories 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 CedarBoards Insulated 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 CedarBoards Insulated Siding as manufactured by CertainTeed Corporation, 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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