

Carolina Beaded™ Vinyl Siding

General Description: Reproduced from the classic weatherboard design, Carolina Beaded™ is a uniquely styled siding with a wide clapboard face highlighted by a distinctive bead at the base of the panel. Carolina Beaded, available in 15 colors, is a .044" thick brushed single course panel with a 6-1/2" exposure. It features a secure post-formed lock and its 3/4" panel projection is compatible with all 3/4" pocket accessories. Carolina Beaded siding is appropriate for use in new construction for single family homes, multi-housing projects and light commercial developments. Carolina Beaded is also an ideal product for remodeling.

Colors: Carolina Beaded siding profiles are available in a wide selection of colors. All colors are Spectrophotometer controlled and utilize exclusive PermaColor™ color science.

Colonial White (01)	Desert Tan (07)	Heritage Cream (11)	Snow (31)	Sterling Gray (33)
Savannah Wicker (59)	Seagrass (30)	Natural Clay (60)	Oxford Blue (32)	Sandstone Beige (15)
Cypress (42)	Granite Gray (34)	Herringbone (04)	Light Maple (55)	Castle Stone (37)

STUDfinder™: The patented STUDfinder Installation System 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: Carolina Beaded siding panels feature a secure fitting post-formed lock popular with installers for its locking assurance and trouble-free handling.

Accessories: CertainTeed manufactures a wide range of siding accessories which are compatible with Carolina Beaded siding styles and colors. Accessory products include installation components, soffit, window and door trim, corner lineals, corner systems and decorative moldings.

Composition: Carolina Beaded siding products are produced using PVC resin.

Technical Data: Carolina Beaded siding is in compliance with ASTM specification for Rigid Polyvinyl Chloride (PVC) Siding D3679, and the requirements of the 2015, 2018 and 2021 International Residential Code and International Building Code, the 2020 Florida Residential Code and Florida Building Code, and the 2019 California Residential Code and California Building Code. Carolina Beaded siding meets or exceeds the properties noted in Table 1.

Table 1

ASTM E 84	Meets Class A flame spread requirements as tested according to ASTM E84.
ASTM D 635	Material is self-extinguishing with no measurable extent of burn when tested in accordance with this specification.
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.

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. 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: CertainTeed Carolina Beaded 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 6-1/2" Beaded	Nails 16" o.c.	58.0	155	200	40.7	130	168

* Windload calculations based on ASTM D3679, ASCE 7-10, 30ft High, Exposure B

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

- Conforms to ASTM Specification D3679
- ICC-ES Evaluation Report ESR-1066
- Texas Department of Insurance Product Evaluation EC-11
- Florida BCIS Approval FL1573
- Florida BCIS Approval FL12483
- 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 Carolina Beaded 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 Carolina Beaded™ Vinyl Siding as manufactured by CertainTeed LLC, Malvern, PA. The siding shall have a .044" nominal thickness. Installation shall be in accordance with manufacturer's instructions.

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 www.certainteed.com.

