

## 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 14 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	Granite Gray	Light Maple	Sandstone Beige	Snow
Cypress	Heritage Cream	Natural Clay	Savannah Wicker	Sterling Gray
Desert Tan	Herringbone	Oxford Blue	Silver Ash	

**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 CertaVin™ custom-formulated PVC resin. This resin is produced exclusively by CertainTeed, allowing CertainTeed to maintain the high quality of its siding products. CertainTeed's Carolina Beaded siding is in compliance with the ASTM Specification for Rigid Polyvinyl Chloride (PVC) siding D 3679.

**Technical Data:** Carolina Beaded siding meets the weathering standard in ASTM D 3679 using ASTM D 1435 procedure. As shown in Table 1, Carolina Beaded siding is in compliance with ASTM Fire and Smoke procedures and meets or exceeds International Building Code requirements.

Table 1

ASTM E 84	Flame Spread Index 20 Fuel Contribution 0 Smoke Development Index 390
ASTM D 1929	Self-ignition temperature 813°F
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:** Carolina Beaded has been tested to exceed the minimum wind load requirements per ASTM D3679 standard test method for resistance to negative wind load pressures of 50 psf, which equates to more than 180 mph per VSI windspeed calculation guidelines, when installed with nails positioned 16" on center.

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

Texas Department of Insurance Product Evaluation EC-11

New York City Approval MEA #285-93M, 284-93-M

Conforms to ASTM Specification D4477

ICC-ES Evaluation Report ESR-1066

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

Conforms to UBC Standard 14-2

Conforms to ASTM Specification D3679

Florida BCIS Approval FL1573, FL10421

CCMC #13008-L

**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 Corporation, Valley Forge, 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](http://www.certainteed.com).



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