



ICC-ES Listing Report

Reissued October 2023

ESL-1462

This listing is subject to renewal October 2024.

CSI: DIVISION: 07 00 00—THERMAL AND MOISTURE PROTECTION
Section: 07 46 33—Plastic Siding

Product Certification System:

The ICC-ES product-certification system includes evaluating reports of tests of standard manufactured product, prepared by accredited testing laboratories and provided by the listee, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the listee's quality system.

Product: CERTAINTEED VINYL SIDING AND SOFFIT

Listee: CERTAINTEED LLC.

Additional Listee: VINYL CARPENTRY

Compliance with the following standard:

- ASTM D3679-17, Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding, ASTM International.

Compliance with the following building code:

The CertainTeed vinyl sidings, as described in this listing report, have met the physical requirements in Section 5 of ASTM D3679-17. The sidings were evaluated based on testing in accordance with ASTM D3679-17, and conform to the applicable section of the following code edition:

- *National Building Code of Canada*® 2020
Applicable Section: Volume 2 – Division B: 9.27.12.1.(1)

Description of product:

The CertainTeed and Vinyl Carpentry vinyl sidings and soffits are extruded from polyvinyl chloride (PVC) resins. The siding panels are formed with an upper edge having nail slots and a lower edge that hooks into the upper edge of the lower course. The accessory items, used to detail the application of the product as an exterior wall covering, are of the same material.

All siding panels are designed with receiving legs and a nailing flange with pre-punched elongated nailing slots. All siding panels used in horizontal applications have weep holes pre-punched at a maximum of 17 inches (432 mm) on center on the underside to provide ventilation and drainage.

The siding panels are available in different colors with a smooth finish or embossed with a matt or wood-grain texture. The siding panels range in thickness from 0.036 inch to 0.050 inch (0.914 mm to 1.27 mm).

The accessory shapes include a fascia, "F" shaped trim, "J" shaped trim, drip cap, starter strips, inside/outside corners, quarter round soffit molding, undersills, soffit cove trim, and "H" divider bar. The thicknesses of accessories range from 0.040 to 0.050 inch (1.02 to 1.27 mm).

Refer to Table 1 for panel thicknesses, lengths and profiles within the scope of this listing report.

Wind Resistance:

See Table 2 for the standard wind load design pressure ratings of CertainTeed and Vinyl Carpentry vinyl sidings in accordance with Section 5.11.2 of ASTM D3679-17. The wind resistance of soffit panels is outside the scope of this except where specifically listed in Table 2 and where installation is as siding.

Installation: The sidings and soffits must be installed in accordance with the CertainTeed LLC's published installation instructions and conform to the attachment requirements in Subsection 9.27.5. of the *National Building Code of Canada*® 2020.

The sheathing must be covered with a sheathing membrane as required in Subsection 9.27.3. of the *National Building Code of Canada*® 2020. Flashing must be provided at all openings, penetrations, and abutments with dissimilar materials, in accordance with Subsections 9.27.3.7. and 9.27.3.8. of the *National Building Code of Canada*® 2020.

Accessory components such as corners, starter strips and trim must be fastened in accordance with the manufacturer's published installation instructions.

For horizontal siding, a starter strip must be installed horizontally along the bottom of the area to be sided. The starter strip must be fastened to the building every 8 inches (203 mm) to 10 inches (254 mm) in slots provided in the strip. The first horizontal siding panel must be locked into the starter strip and fastened to the building through the center of the nailing slots at the maximum spacing specified in Table 2 of this report, as applicable. The fasteners must be located in the center of the slot, leaving a minimum 1/32-inch (0.8 mm) space between the fastener head and the face of the vinyl nailing strip, to allow for expansion. Succeeding panels must be similarly installed, locking into the panel below. The horizontal siding panel ends must be overlapped 1 inch (25.4 mm) at butt joints and held 1/4 inch (6.35 mm) clear of all vertical accessory members at wall ends and around openings.

Vertical siding must be interlocked and fastened, using the appropriate accessory components and fastening methods to secure the panels and allow for expansion in accordance with Table 2 and the manufacturer's published installation instructions.

The fasteners for attaching the siding must be corrosion-resistant nails having 0.313-inch-diameter (7.95 mm) heads and 0.120-inch-diameter (3.05 mm) shanks. For installation over framing and wood-based sheathing (minimum equivalent specific gravity, $G = 0.42$), fasteners must be long enough to penetrate the underlying framing at least 3/4 inch (19.1 mm). When sheathing other than wood-based sheathing is used, fasteners must penetrate a minimum of 1-1/4 inches (31.8 mm) into framing.

Corrosion-resistant staples may be used where indicated in Table 2. Staples must be no.16 gage, with a minimum length of 1-3/4 inches (44.4 mm) and a crown width of 7/16 inch (11.1 mm). For installation over framing and wood-based sheathing (minimum equivalent specific gravity, $G = 0.42$), minimum staple embedment into framing must be 3/4 inch (19.1 mm).

Identification:

1. The vinyl sidings and soffits described in this report are identified by a stamp bearing the brand name (CertainTeed or Vinyl Carpentry), the product name and style, the statement "Conforms to ASTM Specification D3679," and the ICC-ES listing report number (ESL-1462), and when applicable, the ICC-ES Listing Mark.

The soffits must be marked every four (4) feet on center with a number or marking that ties the product back to the manufacturer. The net free area of the soffit panel must be included on the packaging or label.

2. The report holder's contact information is the following:

CERTAINTEED LLC
20 MOORES ROAD
MALVERN, PENNSYLVANIA 19355
(800) 233-8990
www.certainteed.com

3. The additional listee's contact information is the following:

VINYL CARPENTRY
20 MOORES ROAD
MALVERN, PENNSYLVANIA 19355
(800) 233-8990

Conditions of listing:

1. The listing report addresses only conformance with the standards and code sections noted above.
2. Approval of the product's use is the sole responsibility of the local code official.
3. The listing report applies only to the materials tested and as submitted for review by ICC-ES.
4. The siding is limited to the maximum design wind pressures as shown in Table 2.
5. The siding is manufactured in Jackson, Michigan; Claremont, North Carolina; and Williamsport, Maryland, under a quality-control program with inspections by ICC-ES.

TABLE 1—CERTAINTEED VINYL SIDING AND SOFFIT

PRODUCT NAME	PRODUCT CODE	PRODUCT STYLE	THICKNESS (inch)	LENGTH (feet-inches)
The following products are sold under the brand name CertainTeed:				
Monogram	33101	Double 4-inch	0.046	12-6
	33110	Double 4-inch	0.046	12-6
	33122	Double 5-inch	0.046	12-0
	33103	Double 5-inch DutchLap	0.046	12-0
	33125	Double 5-inch DutchLap	0.046	12-0
Monogram XL	33114	Double 4-inch	0.046	16-8
	33139	Double 4-inch	0.046	20-0
	33126	Double 5-inch DutchLap	0.046	16-0
	33140	Double 5-inch DutchLap	0.046	20-0
Restoration Classic	36110	Double 4-inch	0.044	12-6
	36118	Double 4½-inch	0.044	12-1
	36119	Double 4½-inch DutchLap	0.044	12-1
	36122	Double 5-inch	0.044	12-0
	36132	Triple 3-inch	0.044	12-1
Mainstreet	39131	Triple 3-inch	0.042	12-1
	39110	Double 4-inch	0.042	12-6
	39122	Double 5-inch	0.042	12-0
	39113	Double 4-inch DutchLap	0.042	12-6
	39125	Double 5-inch DutchLap	0.042	12-0
	39104	Single 8-inch	0.042	12-6
	39102	6½-inch Beaded	0.042	12-4
Board & Batten	34136	Single 7 Vertical	0.052	10-0
	34137	Single 8 Vertical	0.048	12-6
	34138	Single 8 Vertical	0.048	10-0
Carolina Beaded	38102	6½-inch Beaded	0.044	12-4
Northwoods	60106	Single 7-inch Rough-Split Shake	0.050	10-1
	60108	Single 7-inch Perfection Shingle	0.060	10-1
	60148	Single 9-inch Rough-Split Shake	0.050	10-4
Wolverine American Legend	40110	Double 4-inch	0.042	12-6
	40122	Double 5-inch	0.042	12-0
	40119	Double 4½-inch DutchLap	0.042	12-1
Encore	43110	Double 4-inch	0.040	12-6
	43122	Double 5-inch	0.040	12-0
	43119	Double 4½-inch DutchLap	0.040	12-1
The following products are sold under the brand name Vinyl Carpentry:				
Triple 3⅓" InvisiVent Soffit	46228	Triple 3⅓" Vented Soffit	0.044	12-6
Triple 3⅓" Soffit / Vertical	46229	Triple 3⅓" Solid Soffit / Vertical Siding	0.044	12-6
IronMax Soffit / Vertical	47201	Double 5-inch Solid Soffit / Vertical Siding	0.046	12-0
	47205	Double 5-inch Fully Vented	0.046	12-0
Universal Soffit / Vertical	48224	Triple 4-inch Fully Vented	0.040	12-0
	48216	Triple 4-inch Solid Soffit / Vertical Siding	0.040	12-0
	48220	Triple 4-inch Center Vented	0.040	12-0
Beaded Soffit / Vertical	46209	Triple 2-inch Solid Soffit / Vertical Siding	0.039	12-6
	46211	Triple 2-inch Vented	0.039	12-6
Value Soffit	49224	Triple 4-inch Fully Vented	0.036	12-0
	49216	Triple 4-inch Solid Soffit	0.036	12-0
	49220	Triple 4-inch Center Vented	0.036	12-0
Perimeter Soffit / Vertical	46231	Triple 3⅓-inch Solid Soffit / Vertical Siding	0.040	12-6
	46230	Triple 3⅓-inch Vented Soffit	0.040	12-6

For SI: 1 inch = 25.4 mm

TABLE 2: STANDARD WIND LOAD DESIGN PRESSURE RATINGS

PRODUCT NAME	MAXIMUM STUD ¹ SPACING (inches)	FASTENER ²	STANDARD WIND LOAD DESIGN PRESSURE RATING (psf)
Monogram D5	16	Nail to studs	66.7
	24	Nail to studs	46.7
	16	Staple to studs	46.7
Monogram D5DL	16	Nail to studs	73.4
	24	Nail to studs	44.4
	16	Staple to studs	49.0
Monogram D4	16	Nail to studs	115.6
	24	Nail to studs	51.0
	16	Staple to studs	57.7
Monogram XL D4	16	Nail to studs	91.1
	24	Nail to studs	64.4
Monogram XLD5DL	16	Nail to studs	64.4
	24	Nail to studs	40.0
Restoration Classic D5	16	Nail to studs	71.1
	16	Staple to studs	35.6
	24	Nail to studs	49.3
Restoration Classic D4	16	Nail to studs	86.7
	24	Nail to studs	68.9
Restoration Classic D4.5	16	Nail to studs	104.4
Restoration Classic D4.5DL	16	Nail to studs	75.6
Restoration Classic T5	16	Nail to studs	77.8
Mainstreet D5	16	Nail to studs	64.4
	16	Staple to studs	37.7
	24	Nail to studs	46.7
Mainstreet D5DL	16	Nail to studs	60.0
	16	Staple to studs	57.7
	24	Nail to studs	42.3
	24	Staple to studs	35.6
Mainstreet D4	16	Nail to studs	75.6
	24	Nail to studs	42.3
	16	Staple to studs	82.3
Mainstreet T3	16	Nail to studs	21.0
Mainstreet D4DL	16	Nail to studs	64.4

PRODUCT NAME	MAXIMUM STUD ¹ SPACING (inches)	FASTENER ²	STANDARD WIND LOAD DESIGN PRESSURE RATING (psf)
Mainstreet S8	16	Nail to studs	21.0
Mainstreet S6.5 Beaded	16	Nail to studs	21.0
Carolina Beaded	16	Nail to studs	41.7
	16	Staple to studs	55.6
	24	Nail to studs	35.6
	24	Staple to studs	37.7
Northwoods S7 Rough-Split	16	Nail to studs	75.6
Northwoods S9 Rough-Split	16	Nail to studs	71.1
Northwoods S7 Perfections	16	Nail to studs	86.7
Board & Batten S8	12	Nail to sheathing ³	71.1
Board & Batten S7	12	Nail to sheathing ³	80.0
Wolverine American Legend D5	16	Nail to studs	40.0
Wolverine American Legend D45DL	16	Nail to studs	55.6
Wolverine American Legend D4	16	Nail to studs	51.8
	24	Nail to studs	35.6
	16	Staple to studs	57.7
Encore D5	16	Nail to studs	57.7
	24	Nail to studs	33.3
Encore D4	16	Nail to studs	77.8
	24	Staple to studs	40.0
	16	Nail to studs	53.4
Encore D4.5DL	16	Nail to studs	46.7
Triple 3-1/3 Vertical	12	Nail to sheathing ³	42.3
Perimeter Vertical	12	Nail to sheathing ³	37.4
Universal Vertical	12	Nail to sheathing ³	40.0
IronMax Vertical	12	Nail to sheathing ³	40.0
Beaded T2 Vertical	12	Nail to sheathing ³	57.7
Triple 3-1/3 Soffit	16	Nail to framing	90.6
IronMax Soffit	16	Nail to framing	77.3
Univeral Soffit	16	Nail to framing	64.0
Beaded T2 Soffit	16	Nail to framing	117.4
Value Soffit	16	Nail to framing	44.0

For SI: 1 inch = 25.4 mm, 1 psf = 0.0479 kpa

¹Studs are minimum 2-by-4 wood with a minimum specific gravity of 0.42.

²Nails and staples must be as specified in the Installation section of this report.

³Minimum nominally 1/2-inch thick wood-based sheathing having a minimum specific gravity of 0.42, or other materials having equivalent withdrawal resistance.