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ICC-ES Listing Report ESL-1537

Reissued March 2024

This listing is subject to renewal March 2025.

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 report 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 CEDAR IMPRESSIONS® POLYMER SHAKE AND SHINGLE SIDING

Listee: CERTAINTEED LLC.

Compliance with the following standard:

- ASTM D7254-17, Standard Specification for Polypropylene (PP) Siding, ASTM International

Compliance with the following building code:

CertainTeed Cedar Impressions® Polymer Shake and Shingle Siding has met the physical requirements in Section 5 of ASTM D7254-17, as referenced in the applicable sections of the following code editions.

- *National Building Code of Canada® 2020*
  Applicable Section: Volume 2- Division B:9.27.13.1.(1)

Description of product:

The Cedar Impressions® Polymer Shake and Shingle sidings are molded into siding panels or individual shingles from polypropylene (PP) resins. The accessory items, used to detail the application of the product as an exterior wall covering, are of the same material except for the starter strips, which are steel and aluminum.

All siding panels and individual shingles have an upper nailing flange with 1-inch-by-$^{3}/_{16}$-inch (25.4 mm by 4.8 mm) elongated nail slots spaced $1^{1}/_{2}$ inches (38.1 mm) on center and a lower locking leg that hooks into the upper edge of the lower course. The nailing flange has a $^{1}/_{8}$-inch (3.2 mm) nail hole at the center of the panel. All panels also have side lock tabs.

The siding panels and individual shingles are available in different colors with varying shingle shapes and wood-grain textures. Siding panels and individual shingles range in nominal nail flange thickness from 0.090 inch to 0.125 inch (2.3 mm to 3.2 mm). The siding panels have lengths of 32 inches to $73^{1}/_{2}$ inches (813 mm to 1867 mm). The individual shingles have lengths of 4 inches to 8 inches (102 mm to 203 mm). The accessory shapes include inside/outside corners, cornice moldings, receivers and starter strips. Refer to Table 1 and Figure 1 for panel thicknesses, lengths and profiles within the scope of this listing.

Wind Resistance:

See Table 1 for the standard wind load design pressure ratings of CertainTeed Cedar Impressions® Polymer Shake and Shingle Siding in accordance with Section 5.4.2 of ASTM D7254-17.

The siding panel must be installed only on exterior walls covered by a solid sheathing capable of supporting the imposed loads, including but not limited to positive and negative transverse wind loads.

Listings are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the listing or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this listing, or as to any product covered by the listing.

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Installation:

The siding 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 Subsection 9.27.3.7 and 9.27.3.8 of the *National Building Code of Canada® 2020*.

Siding panels and individual shingles must be attached to sheathing substrate with galvanized, or stainless steel ring shank roofing nails with length $1^1/_2$ inches or $1^5/_8$ inches (38 mm or 41 mm), a steel shank diameter of $^1/_8$-inch (3.18 mm), and a $^3/_8$-inch or $^7/_{16}$-inch diameter (9.5 mm or 11.1 mm) head.

The siding panel must be installed over the sheathing substrate in accordance with the applicable code. The siding panel and accessories must be fastened to framing having a minimum specific gravity of 0.42, or structural sheathing, with roofing nails with a minimum embedment into framing of $^3/_4$ inch (19.1 mm). When fastening to structural sheathing, nail penetration must be at least $^3/_4$ inch (19.1 mm) beyond the backside of the sheathing.

Accessory materials such as corners, starter strips and trim must be fastened in accordance with the manufacturer's instructions, with the starter strip fastened similar to the siding panel.

Identification:

1. The ICC-ES mark of conformity, electronic labeling, or the listing report number (ICC-ES ESL-1537), and when applicable, the ICC-ES listing mark, along with the name, registered trademark, or registered logo of the listee must be included in the product label.
2. In addition, the siding panels and shingles described in this listing are identified by a stamp bearing the manufacturer's name (CertainTeed), the product name and code, and the statement "Conforms to ASTM Specification D7254".
3. The report holder's contact information is the following:

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

Conditions of listing:

1. The listing 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 applies only to the materials tested and as submitted for review by ICC-ES.
4. The siding panels and shingles are limited to the maximum design wind pressures shown in Table 1.
5. The siding panels and shingles are manufactured in McPherson, Kansas, under a quality control program with inspections by ICC-ES.

TABLE 1—CEDAR IMPRESSIONS POLYMER SHAKE AND SHINGLE SIDING

PRODUCT NAME	PRODUCT CODE	STYLE	NAILING FLANGE THICKNESS (inch)	LENGTH (inches)	FASTENER SPACING (inches)	STANDARD WIND LOAD DESIGN PRESSURE[1] (psf)
Individual 5-inch Sawmill Shingles	30146	Individual 5-inch Shingles	0.090	Varies[2]	Staples[3]	231
Triple 5-inch Straight Edge Sawmill Shingles	30106	Triple 5-inch Shingles	0.100	60	10	43
Single 6 1/3-inch Perfection Shapes Scallop	30147	Single 6 1/3-inch Shingles	0.090	42	8	117
Single 6 1/3-inch Perfection Shapes Octagon	30148	Single 6 1/3-inch Shingles	0.090	42	8	102
Single 6 1/3-inch Perfection Shapes Half-Cove	30149	Single 6 1/3-inch Shingles	0.090	42	8	114
Single 7-inch Perfection Shingles	30137	Single 7-inch Shingles	0.090	73.5	10	105
Double 7-inch Straight Edge Perfection Shingles 3G	30144	Double 7-inch Shingles	0.090	48	8	65
Double 7-inch Staggered Perfection Shingles	30143	Double 7-inch Shingles	0.100	48	8	89
Double 7-inch Straight Edge Rough-Split Shakes	30141	Double 7-inch Shingles	0.125	57	10	59
Double 9-inch Staggered Edge Rough-Split Shakes	30136	Double 9-inch Shakes	0.125	57	10	37

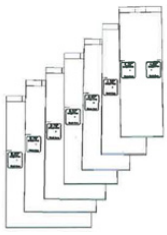
For **SI:** 1 inch = 25.4 mm

NOTES:

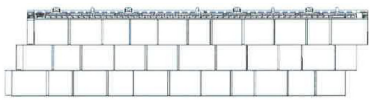
[1]Standard wind loads as determined per A1.2.1 of ASTM D7254.

[2]Individual 5-inch Straight Edge Sawmill Shingles are available in 4-inch, 4 1/4-inch, 5-inch, 5 3/4-inch, 6 3/4-inch and 8-inch lengths.

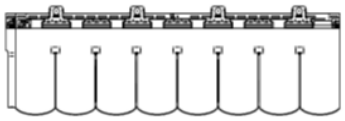
[3]Individual 5-inch Straight Edge Sawmill Shingles fasteners are no. 16 gage staples with a minimum length of 1 1/2 inch (38 mm) and a crown width of 7/16 inch (11.1 mm), spaced 3/4 inch (19.1 mm) from each shingle edge into the sheathing.



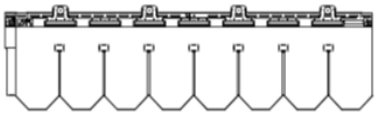
Individual 5-inch Sawmill Shingles



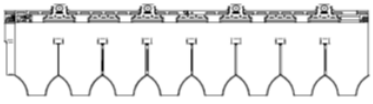
Triple 5-inch Straight Edge Sawmill Shingles



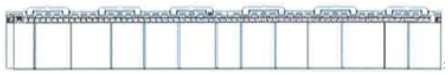
Single 6 1/3-inch Perfection Shapes Scallop



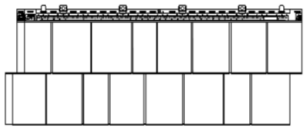
Single 6 1/3-inch Perfection Shapes Octagon



Single 6 1/3-inch Perfection Shapes Half-Cove



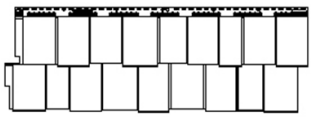
Single 7-inch Perfection Shingles



Double 7-inch Straight Edge Perfection Shingles 3G

Double 7-inch Staggered Perfection Shingles

Double 7-inch Straight Edge Rough-Split Shakes



Double 9-inch Staggered Edge Rough-Split Shakes

FIGURE 1—PRODUCT PROFILES