

Cedar Impressions®

D7" Straight Edge Perfection Shingles & D7" Staggered Perfection Shingles Installation Instructions

IMPORTANT

This product is not designed for roof application. It is designed solely for installation on vertical surfaces. Panels must be installed with nails over a flat solid substrate with nail holding strength such as plywood, oriented strand board, or existing wood siding (minimum 7/16" thick). This product cannot be installed with staples.

NOTE: Each panel must be nailed through the round hole in the center of the nail hem to control the direction of normal expansion and contraction. If you are installing a partial panel and the center nail hole has been cut off, drill a nail hole in the center of the nail hem of the cut panel and nail through it.

NOTE:
Handle shingles carefully to avoid scuffing.

Equipment and Tools

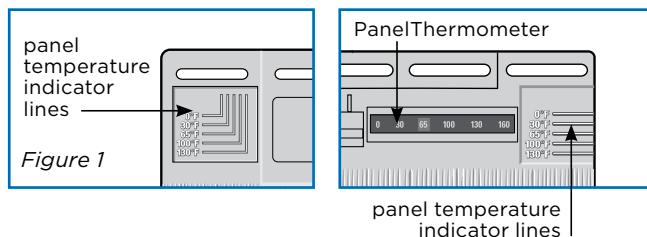
Tools required

- Hammer
- Tape measure
- Square
- Chalk line
- Level
- Utility knife
- Shears
- Chop saw with sharp, 40-tooth carbide blade
- Corrosion-resistant nails (aluminum, stainless or galvanized) Minimum 1-1/2" long, 5/16" diameter head.

Panel Spacing at Different Temperatures

As with any plastic siding, Cedar Impressions® expands and contracts with changes in temperature. For this reason, it is important that you space the panels according to the panel temperature at the time of installation. Failure to provide the proper spacing according to these temperature ranges may result in gaps that are too large or too small, thereby creating the potential for side locking tabs disengaging, panel distortion, or buckling. Spacing of panels previously installed at a different temperature does not require adjustment.

Each panel has a PanelThermometer™ that displays panel temperature and indicator lines that serve as guides for proper spacing between the panels. The PanelThermometer is located on the upper right-hand corner of the panel; the indicator lines are on the upper left-hand corner (*Figure 1*). Note that the panel temperature may change throughout the day. Space the panels according to the panel temperature at the time of installation. The cells on the PanelThermometer will change color to indicate the temperature of the panel.



PanelThermometer Temperature Reading Indicator Lines

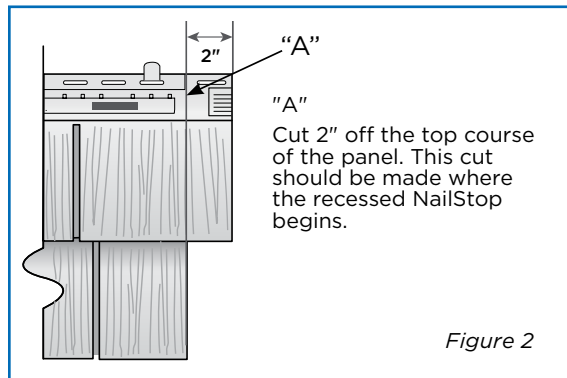
0 Set to 0 line	100 Set to 100 line
30 Set to 30 line	130 Set to 130 line
65 Set to 65 line	160 Butt panels tight

If the brighter cell is between the numbered temperature cells, position the panel between the corresponding temperature indicator lines. Example: If the PanelThermometer reads 65, align the second panel to the 65 temperature indicator line on the first panel. If the cell between the 65 and 100 is brighter, position the panel between the 65 and 100 temperature indicator lines.

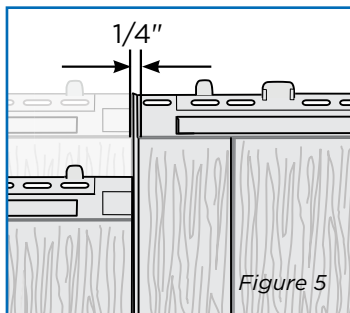
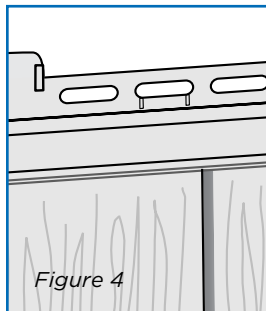
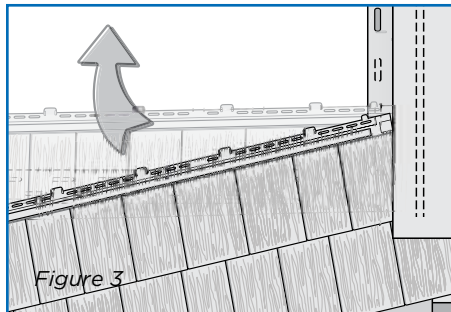
First Course

Strike a level line around the house and install Shingle Starter. If you plan to use Cedar Impressions Mitered Cornerposts, make sure the starter strip is installed to the edge of the corner. An alternative method of starting Cedar Impression is to use J-channel in place of starter strip to receive the bottom edge of the panel.

1. Cut 2" off the top course of the panel (*Figure 2*).



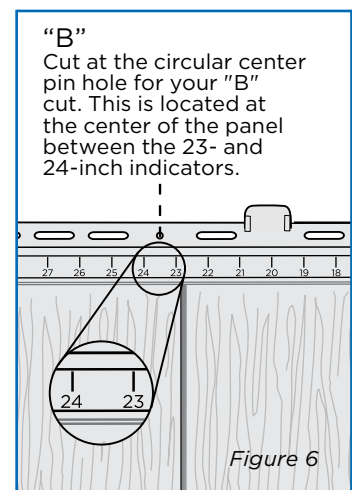
2. Starting on the right side of the wall, hook the bottom locking leg of the panel into the starter strip and slide the panel into the cornerpost or receiving channel (*Figure 3*). Leave 1/4" space between the panel and the corner for expansion. If you are planning to install the Mitered Cornerpost, space the panel 3" from the corner.



3. Fasten the panel to the wall by first nailing through the round center hole in the nailing hem at the top of the panel. Continue nailing the panel with 5 nails: one in the right-end nail slot and one at each of the QuickReference™ Nail Mark Indicators (*Figure 4*). Leave 1/8" to 1/16" between the nail heads and the panel to allow freedom of movement during normal expansion and contraction. The D7 panel features NailStop™ to guide in correct nail head clearance.
4. Install the next panel by positioning it below the starter strip and next to the first panel. Push in and up to lock the panel into the start strip and the side tabs of the first panel, as shown in *Figure 5*. Space the second panel according to the panel temperature (*Figure 1*) at the corresponding position panel into place. Gently tap the outside of the HammerTapper™ ribs to properly position the panel left or right.
5. Nail the panel into position starting with the round center hole and then placing the next nail in the right-end nail slot (which overlaps the previous panel's left-end slot) so that the nail goes through both panels' nail slots simultaneously. Continue nailing the rest of the panel using the procedure in step 3.
6. Continue to install remaining panels of first course as described in steps 3 through 5.

Second Course

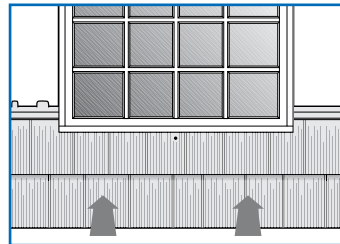
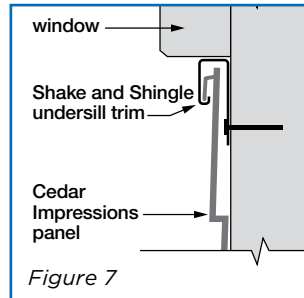
7. Cut 23-1/2" off the right side of the D7 shingle at the center pin hole, located between the 23- and 24-inch mark indicators cutting straight through the panel (*Figure 6*). Drill a 3/16" hole in the center of the nail hem and nail the siding through this hole to control the direction of expansion and contraction. Another option is to nail each end of the nail slot located at the center of the panel.



8. Set spacing using the Panel Thermometer and temperature indicator lines and repeat steps 4-6.
9. Continue to stagger panel courses according to steps 1 and 7, alternating each time to ensure a random shingle pattern up the wall.

Installing Under a Window or Opening

Install Cedar Impressions undersill trim (*Figure 7*). Cut the panel to fit under the window. Drill a 3/16" hole in the center of the nail hem. Using a snap lock punch, raise tab faces on the outside of the panel 1/4" from the trimmed edge, 6" apart. Lock the panel into the previous course, and center nail the siding through the 3/16" hole drilled earlier. (Center nailing controls the direction of the panel's expansion and contraction.) Lock the panel into place.



Installing Over a Window or Opening

Cut the panel to fit over the window by measuring from the locking tab of the previous row to the bottom of the receiving pocket (*Figure 8*). Add 1/8" to this measurement. Turn the panel over and, using this measurement, measure from the bottom of the return leg (*Figure 9*). Cut the panel to this dimension. Install the cut panel by positioning the panel over the window and into the receiving pocket. Lock the cut panel into the previous course by pushing in and up. The cut edge should be 1/4" below the top of the receiving pocket.

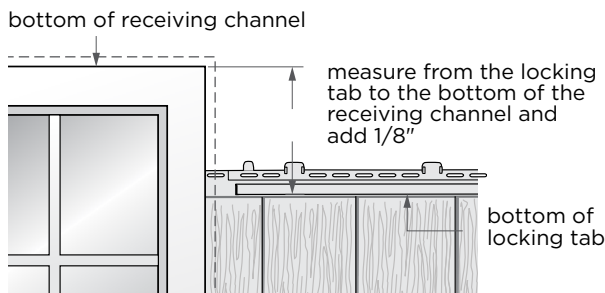


Figure 8

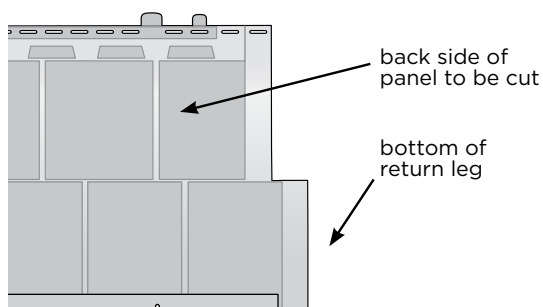


Figure 9

Finishing the Top Course

To finish the top course of siding, attach cornice receiver to the top of the wall under the eave or soffit. Trim the top panel to within 1/4" of the cornice receiver. Using a nail slot punch, punch nail slots 1/4" from the trimmed edge, 16" apart. Nail off the top course and snap the cornice molding in to the cornice receiver (*Figure 10*).

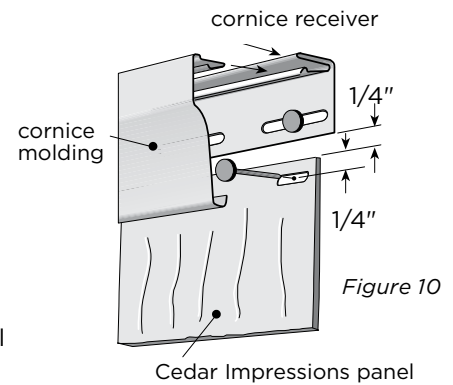


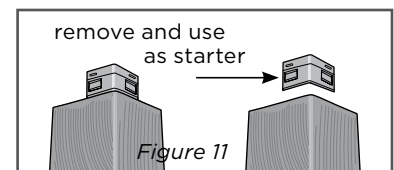
Figure 10

Installing Mitered Offset Cornerpost

Before applying siding and accessories, make certain the substrate is watertight. To be properly protected from precipitation, make sure you have properly flashed the substrate so that it sheds water outside the siding. The siding and accessories alone are not meant to be a watertight barrier.

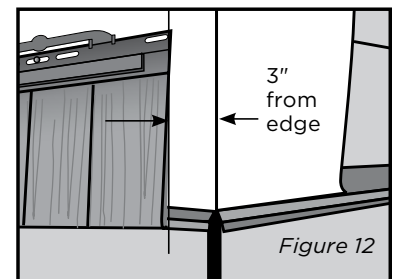
For the best appearance and easier installation, we suggest you install the Mitered Offset Cornerpost as you move up the wall. If you prefer, you can install Mitered Offset Cornerposts after the siding has been installed.

1. Remove nail hem from cornerpost as shown in figure 11 and use as your starter.



PRO-TIP: Use the "D" corner to cut your starter as this may be the least used corner on any given project.

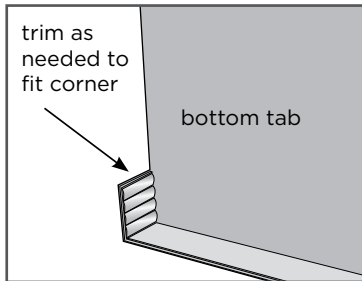
2. Install the first Cedar Impressions panel 3" from the edge of the outside wall (*Figure 12*) (be sure to leave 3" from end of metal panel starter to edge of corner)



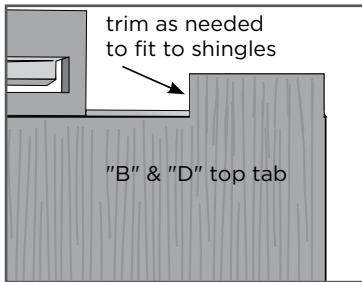
3. Use the nailhem that you cut from the corner as your corner starter. Align the corner hanger with the bottom of the metal starter adjacent to it.
4. Install fastener through each nail hole.

**5. THIS STEP IS FOR D7 STAGGERED PERFECTION
3G – skip to step 6 if not staggered**

The lower right-side corner gap has several cut marks along the butt edge. They allow you to fit the corner to the different butt heights you may encounter as you finish a course. Trim the corner gap as needed to fit the 3 various staggered edges of the panel. This will create a clean visual without gaps where the panels nests with the corner.



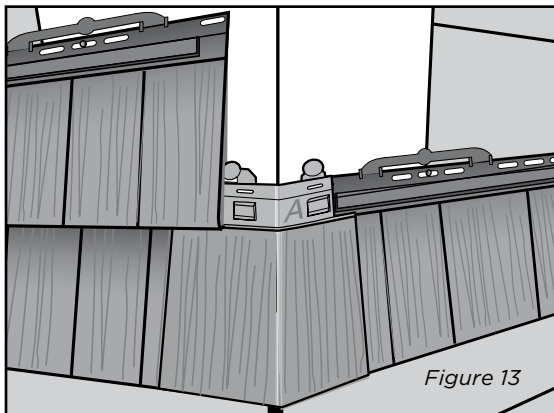
The upper right-side of the corner has a trimmable texture tab on the B & D corners. This allows for customization to accommodate the various staggered dimensions of the panel shingles. Before



cutting measure to confirm whether a vertical cut is also needed. Cut the texture tab to fit around the shingle(s) that is closest horizontal line. If the texture tab is impacted by more than one shingle a horizontal and vertical cut is needed. Cut/Notch the corner and install adjacent to the shingle panel.

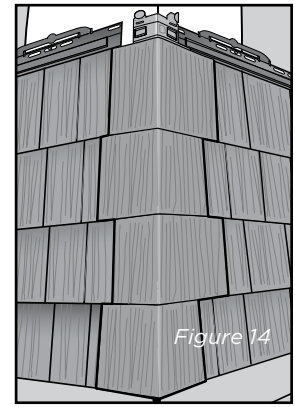
NOTE: this step is not needed on the A & C corner due to the smaller face dimension.

6. Once the panel has been fastened, hook the corner “A” over the siding, making sure the corner piece is locked into the starter strip (Figure 13).



7. Continue installing the corner pieces as you move up the wall. Following the pattern of A, B, C, D and then repeat (Figure 14).

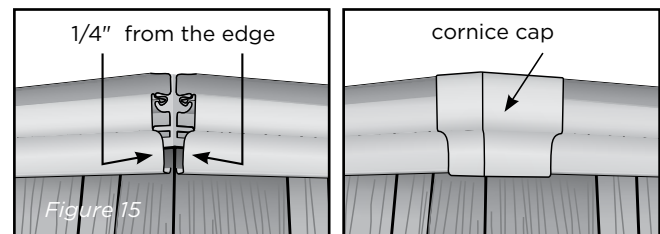
8. When you reach the top panel, cut the corner piece to length and nail it with a color matched finish nail. Leave 1/4" between the top corner piece and the cornice receiver. If a course of siding ends at an outside corner that has a Mitered Offset Cornerpost installed, you will have to cut the Cedar Impressions panel to fit.



9. Measure from the edge of the last installed panel to the edge of the Cornerpost.
10. Add 1-1/2" to this dimension and cut the panel to length.
11. Angle the panel into the Cornerpost and slide it to the left.
12. Then, slide the panel to the right until the correct temperature marks line up.
13. Fasten the panel to the wall.

Similar to the top course under a soffit or window, cut shingles to appropriate angle, pre-drill and fasten using at least two staples or nails. Apply a trim board over the shingles to conceal the fasteners.

If you finish the top course of Cedar Impressions siding with cornice molding, you should also install Vinyl Carpentry Cornice Cap. Cornice Cap covers the gap between the two pieces of cornice molding and seamlessly finishes the installation of the Mitered Cornerpost (Figure 15).



Note: CertainTeed shall not accept any liability or responsibility under written warranty for defects or failure caused by application not in strict adherence with its written instructions.

If you have any questions about installing these products, please call us at 800-233-8990.



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20 Moores Road, Malvern, PA 19355 | 800-233-8990 | certainteed.com

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