

*The installation methods in this guide have proven successful in attaining optimum performance for the shake siding. However, these methods should not be construed as the only possible way to install the siding. Field conditions and construction characteristics may dictate the use of differing installations methods and techniques. It is always within the sole discretion and responsibility of the independent siding installer to determine the best methods and techniques to use.*

## PREPARING FOR THE INITIAL COURSE

### WHEN INSTALLING LONG LENGTH SHAKES, THE PANELS:

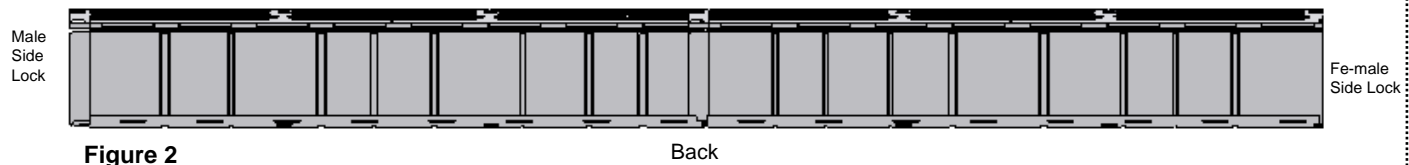
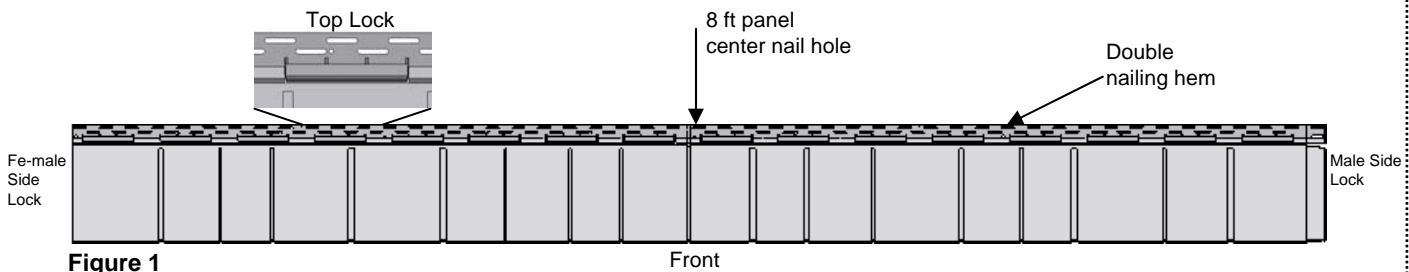
- Optimum installation performance is achieved at any temperatures above 35°F.
- Installs best over a solid substrate, 7/16" or better, with nail holding strength (ex. Plywood, Oriented Strand Board.)
- The Long Length Shake Siding is made from polypropylene which generally will not be an exact color match when installed with Polyvinyl Chloride siding, (PVC), and accessories of the same color name. Gloss and grain also will have an effect on how close one color of the Shake Siding will match with the same color made in PVC siding and accessories. To ensure customer satisfaction with color - it is always best to compare these materials on a small section of the wall prior to installing on the entire house.
- The use of a plastic or woven house wrap is recommended

### FOR ACCESSORY ITEMS:

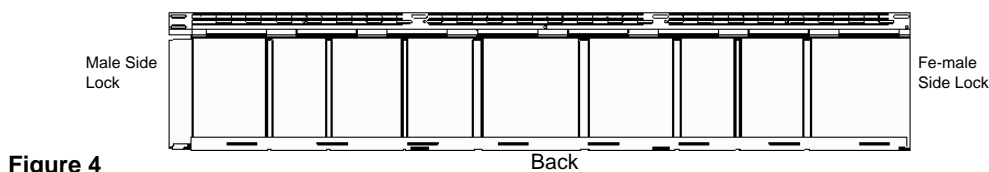
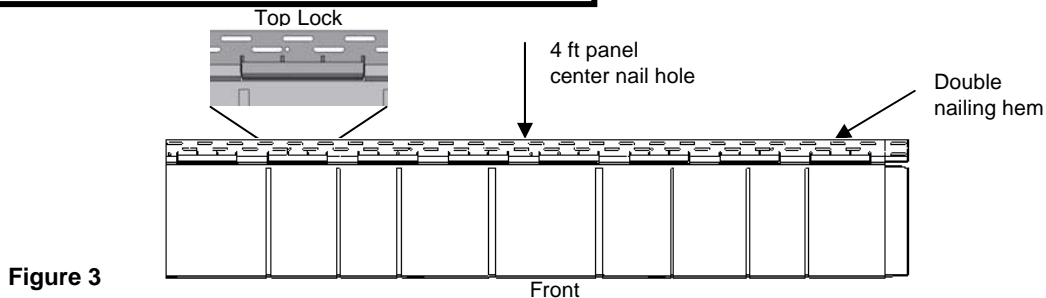
- 3/4" minimum pocket width opening for the J-Channel, Inside, and Outside Corners is required.
- It is not recommended to be installed over existing real cedar siding.

**Note: Painting or staining panels will void warranty. Not intended as a roof covering.**

## PRODUCT DEFINITION – 8 foot panel



## PRODUCT DEFINITION – 4 foot panel



## INSTALLING THE INITIAL COURSE - 8 foot & 4 foot panels

1. Install the Corner Post, Molded Corner Pieces, or J-Channel vertically on the wall. **Pocket width must be a minimum of 3/4"**.
2. Install the Starter Strip or J-Channel on the bottom edge of the wall, making sure that it is level. **The use of manufacturer's starter strip Part #6180 Universal is recommended. However, alternate starter strips can be used as long as they have a .125" opening and do not prohibit the expansion and contraction of the panel. Failure to follow Starter Strip instructions voids the warranty.**
3. Begin by installing a full piece of long length siding into the starter strip. The panels install left to right on the wall.
4. Make sure to leave 1/4" – 3/8" of clearance in all corner posts and J-channel for horizontal and vertical expansion and contraction.
5. Nail the panel in the center nail hole located in the middle of the 8 foot panel.
6. Next, nail in the middle of the slots every 8"-12". Do not nail tight to the wall. ( 1/16" to 1/8" between nail head and panel)
7. Install the next panel on the wall by using the temperature indicator provided on the panel for proper spacing between panels. See the chart below for more information. Continue with these steps until the first course is completed.

**NOTE: Two temperature indicators are provided on the panels. The upper is for when installing 8 foot panels. The lower indicator is for when installing 4 foot panels. Please use the appropriate indicator provided.**

### SPACING THE PANELS AT VARIOUS TEMPERATURE RANGES

■ This product, like any other outdoor plastic, expands and contracts with the change in temperature. Use the indicator provided **on the panel** as a guide for the spacing between panels. The spacing length will change with the ambient temperature throughout the day. Please see chart

Ambient Temperature Range in °F:	Position on the Temperature Gauge:
100°F - 91°F	On the 100°F Line
90°F - 76°F	Between the 65° & 100° F lines
75°F - 56 °F	On the 65° F Line
55°F - 41°F	Between the 35° & 65° F lines
40°F - 35°F	On the 35° F Lines

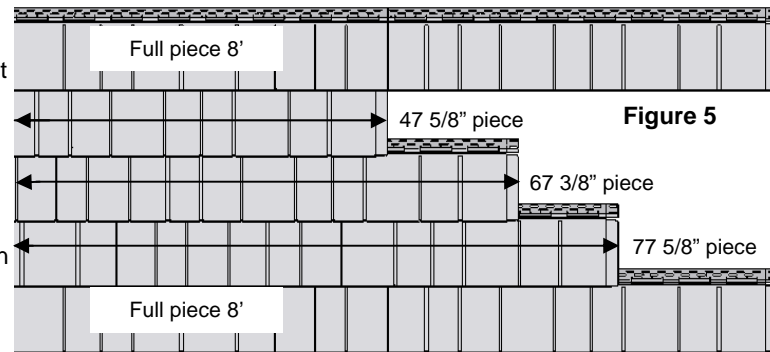
## INSTALLING THE SECOND AND SUBSEQUENT COURSES

8. For the second and subsequent courses for 8 foot panels the starters should be installed at these lengths whenever possible after starting with a full piece (8'). This will minimize the alignment of the keyways of the panel. See figure 5:

77 5/8" , 67 3/8" , 47 5/8" **DO NOT STACK THE SEAMS**

**For 4 foot panel sections, check the keyway pattern before nailing to the wall**

9. For all starters, drill a 3/16" hole along the top of the nailing hem in the middle of the panel. Nail the panel to the wall in the center of the nail slots every 8"-12".
10. Continue to install the panels as described using the steps above.



## GUIDE FOR USING THE "SCRAP SAVER" FEATURE OF THE PANEL

The "SCRAP SAVER" feature, which has been built into the panel, is to assist with reducing scrap on the job site. A circular saw must be used when cutting along the scrap saver lines. Please see steps below for directions.

1. For scrap savings, take a cut panel which has the factory male tab and using a saw re-cut the panel along one of the etched lines provided on the back of the panel.
2. This piece can now be used anywhere on the middle of the wall. You will need to center nail the panel by drilling a 3/16" hole along the top of the nailing hem in the middle of the panel.
3. You can also take a piece of scrap panel without the factory male or fe-male tab and using a saw cut along the closest etched line on the back of the panel. This piece can now be cut and used as a finisher. **Figure 6**



The vertical lines in figure 6 above represent locations where you can cut the panel using a saw. After cutting, you can use the section with the factory male tab and place anywhere on the wall. This will help you eliminate waste as well as help break up any patterns that may occur while installing.

These slots on back side of panel work as weep holes as well as being part of the "Scrap Saver" feature.