



INSTALLATION INSTRUCTIONS



INTRODUCTION TO FOUNDRY SIDING

Foundry makes it possible to get the warm look and beautiful colors of cedar without the high maintenance. Elevate the curb appeal of any home with a wide variety of shingle and shake siding in styles that deliver character and charm. For additional product information, visit the resources page on **FoundrySiding.com**.

MATERIALS & TOOLS

Materials

- Foundry Shake and Shingle Siding
- Foundry Undersill
- Foundry J-Channel
- Foundry Corners
- TruExterior Trim
- Kleer Konceal Trim
- Approved Fasteners
- Weather-resistant barrier and flashing, installed according to local code

Tools

- Eye protection
- Hammer
- Caulk gun
- Nail hole slot punch
- Tape measure
- Utility knife
- Snips
- Snap lock punch
- Siding zipper (optional, used for removing/replacing installed panels)

STORAGE AND HANDLING

- Store on a flat, level surface in a clean, dry location.

APPLICATIONS

Foundry Shake and Shingle Siding is suitable for accents or whole-home exterior siding applications in any climate. Its natural aesthetics complement homes finished in brick, stucco, or traditional wood siding. Foundry Shake and Shingle Siding may also be used as an accent in interior designs.

PREPARING TRADITIONAL FRAMED WALLS

- Foundry Siding must be installed on frame-built walls with studs spaced 16 in. O.C. or at most 24 in. O.C.
- The wall must be sheathed with a minimum 7/16" O.S.B. panel or 15/32" plywood panel or greater if required by local codes.
- Always install a drainable weather-resistant barrier according to local building codes.
- Avoid installing product in standing water or areas that can stop water from draining away.

Before You Start

Use the following installation tips as a general guide to help ensure the success of your Foundry Shake or Shingle Siding project.

Spacing Guidelines

- Leave a minimum of 1/8" clearance at all openings and panel stops.
- In temperatures below 40° F, increase the clearance to 1/4".
- When lapping panels, leave a 1/4" gap at the nailing hem (Fig. 1).

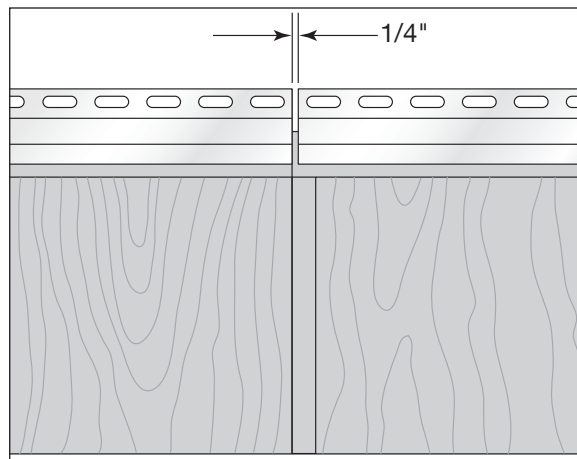


Fig. 1

Nailing Guidelines

- Use aluminum, galvanized steel, or other corrosion-resistant nails. Nail heads should be 5/16" minimum in diameter. Shank should be 1/8" in diameter.
- Nail panels every 10" and allow approximately 1/32" clearance between the fastener head and the siding nail hem.
- Do NOT overdrive fasteners.
- Do NOT face nail siding without applying a nail hole slot.
- Fasteners in panels must penetrate 3/4" beyond the solid substrate.

Installing a Starter Strip

- Determine the lowest point of the wall that will be sided and measure 1/4" less than the width of the starter strip to mark your chalk line (Fig. 2).
- Position the top of the starter strip on your reference mark and fasten every 8"-12" (Fig. 2).
- Leave a 1/4" space between starter strips to allow for expansion (Fig. 2).

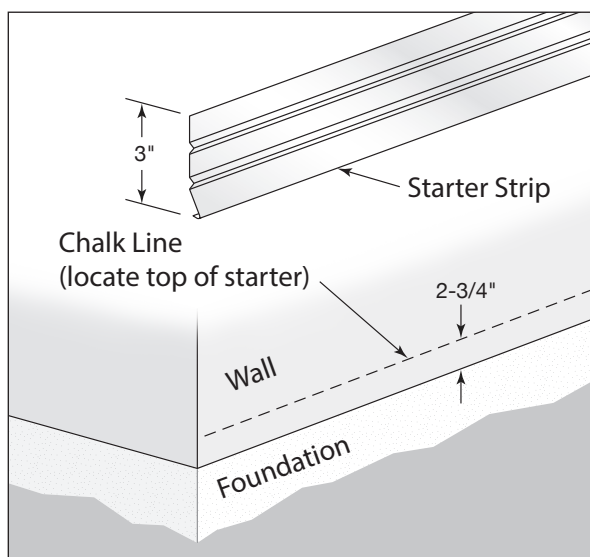


Fig. 2

FOUNDRY SHAKE AND SHINGLE CORNERS

OPTION 1: Installing Corners with J-Channel

- On outside corners, apply silicone sealant to the inside edges of the Foundry Outside Corner Post (**Fig. 3**).
- Lock a piece of J-Channel into each side of the Outside Corner post to create a nailing hem.
- Secure the assembly to the corner of the home with nails every 10" on the J-Channel (**Fig. 4**).
- On inside corners, secure J-Channels in an overlapping fashion and install siding as usual.

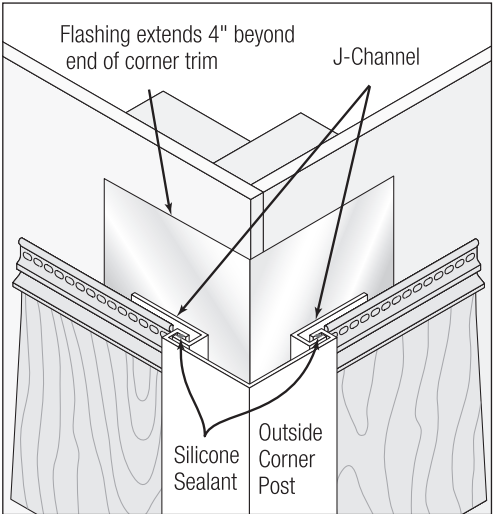


Fig. 3

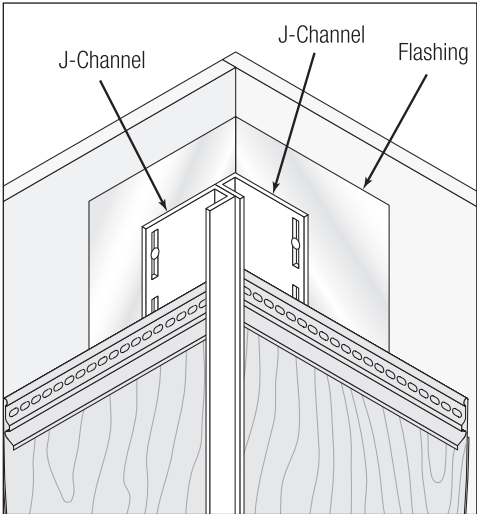


Fig. 4

Corner Profile	Recommended J-Channel
7" Perfection Shingle Corner	3/4" J-Channel
7" Split Shake Corner	1" J-Channel
10" Staggered Shake Corner	1" J-Channel

OPTION 2: Installing Corners with Klear Konceal Trim

- Outside cornerboards and inside trimboards should be installed prior to installing Foundry Siding.
- We recommend using Klear Konceal Cornerboards and Trimboards, with built-in 3/4" siding pocket that covers your cuts and gap for expansion and contraction (**Fig. 5**).
- Make sure to install proper flashing prior to installing your cornerboards.
- On inside corners, make a rip cut on one trimboard the thickness of the trimboard to create an even amount of trim reveal on each side of the inside corner (**Fig. 6**).
- For siding requiring larger than 3/4" J-channel, Konceal corner may need to be shimmed off the wall so siding reveal accepts the thickness of the siding.

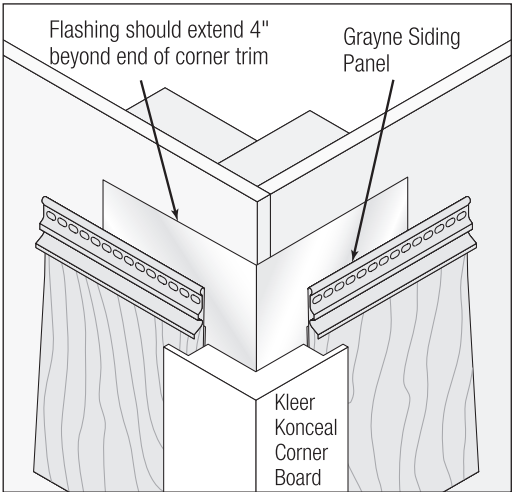


Fig. 5

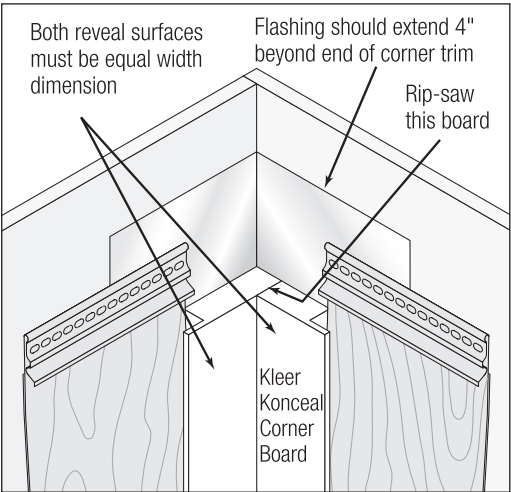
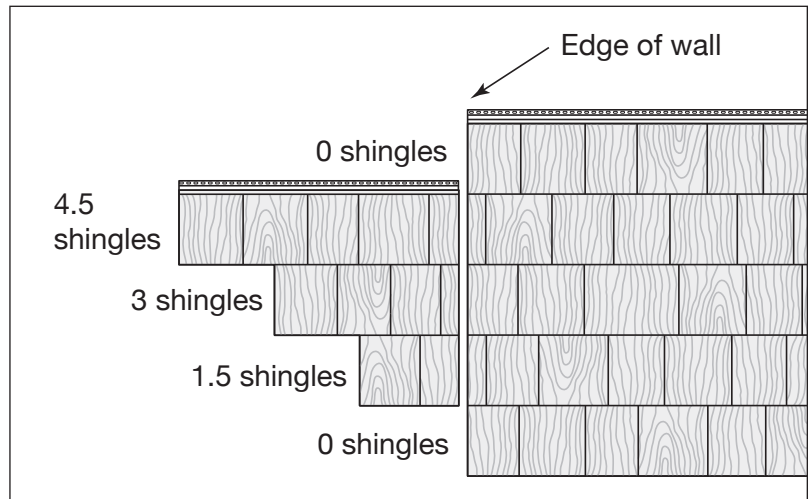


Fig. 6

Foundry Shake and Shingle Installation Basics

(Excluding Foundry Grayne Shingle Siding)

- Start the first course at the lower left corner, securing the bottom edge with the starter strip.
- Fasten the panel every 10" in the center of the nailing slot.
- Install panels by pushing up from the bottom until the lock is engaged with the piece below. Then let the bottom butt edge rest on the top edge of the course below when fastening.
- Ensure that the keyways are not aligned with the panel below.
- Reduce scrap by using trimmed pieces (6" or longer) to start the next course.

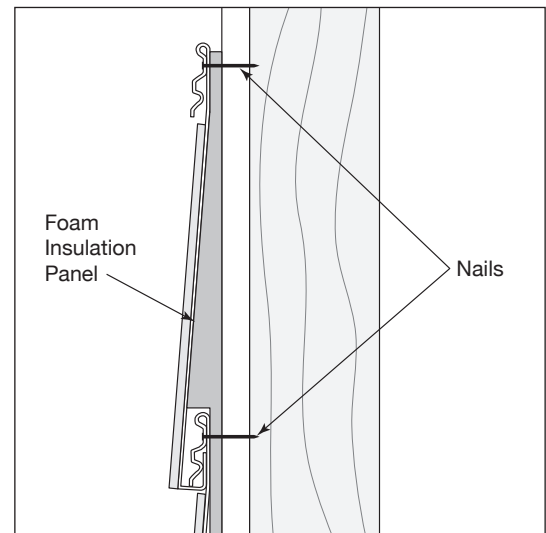


Foundry Tip: Start with a full panel and remove 1.5 shingles from the left side of the second course.

Insulated Foundry Siding

The same installation basics apply when installing Insulated Foundry Siding with one exception. You must add foam shims on the wall where accessories such as Starter Strips and Corner Posts are installed to allow for the thickness of the insulation.

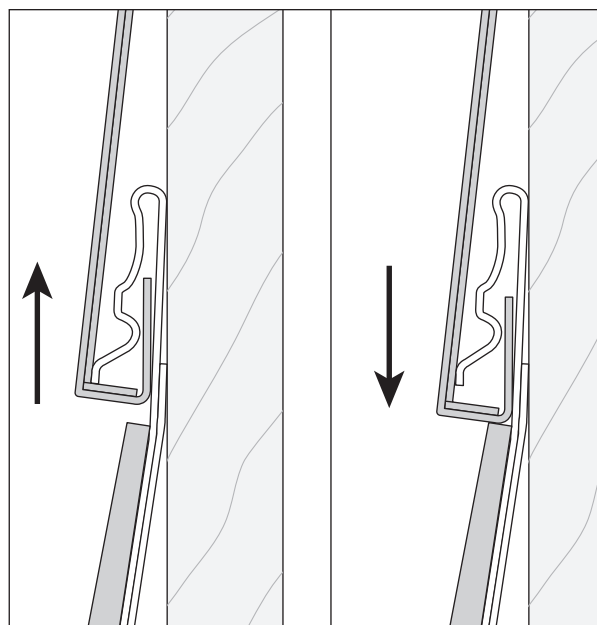
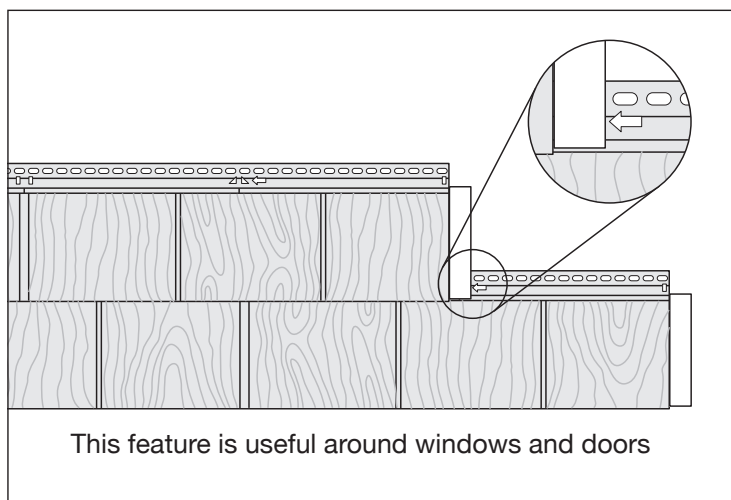
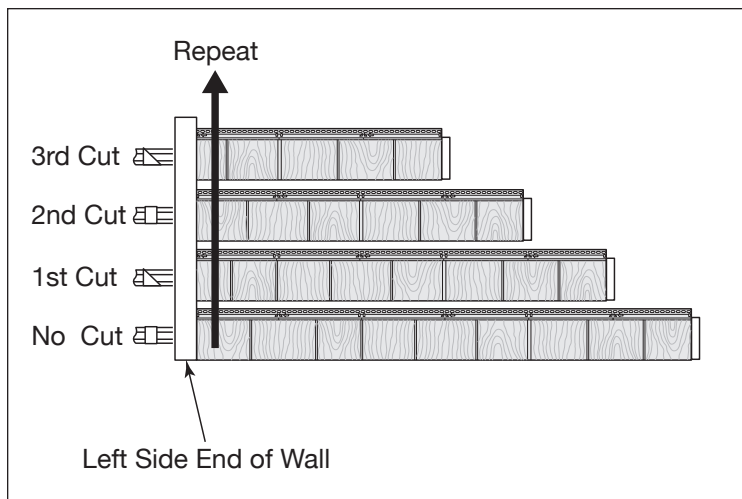
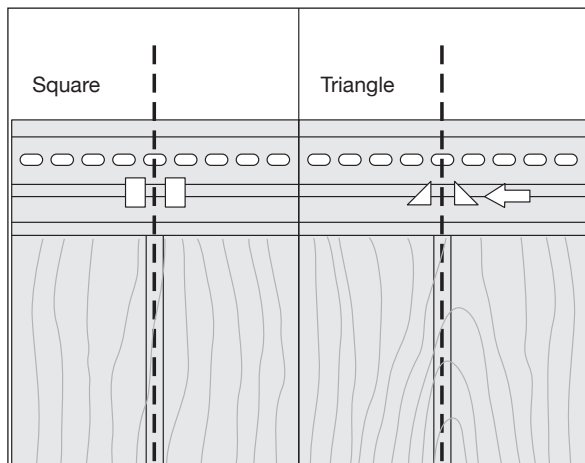
- Lock the first course of siding into the starter strip
- Drop the insulation panel behind the siding panel
- Nail siding through the insulation and into the wall, ensuring the nail penetrates the wall by 3/4".



Foundry Grayne Shingle Siding Installation Basics

The dual offset installation method ensures shingles will have a natural randomized look without vertical lines from course to course.

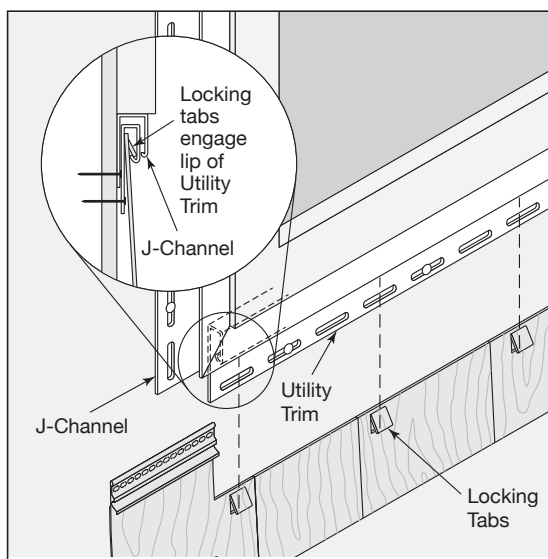
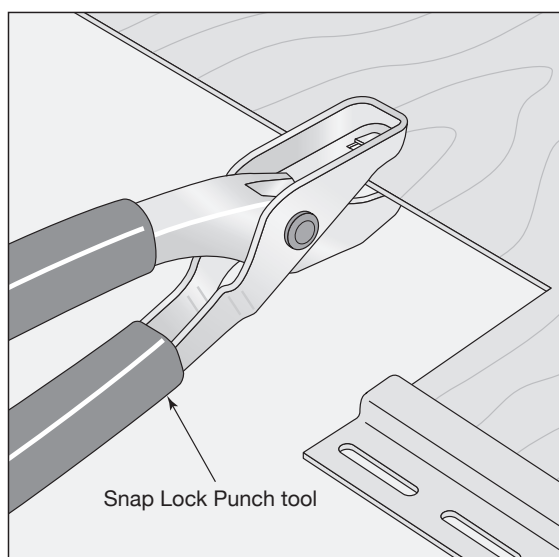
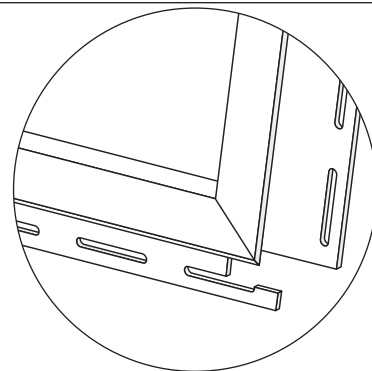
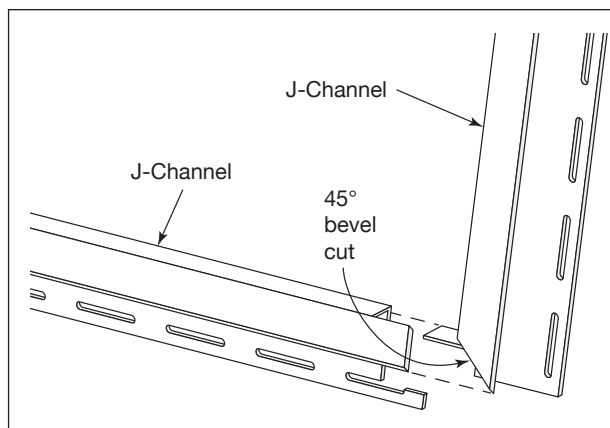
- When starting a course, make sure to cut panels between the “cut marks” with your miter saw or vinyl snips.
- **Important:** The installed course should always end on the “panel end mark” of the course below.
- Alternate between **square** and **triangle** cuts for the first panel of each course as you move up the wall.
- Install panels by pushing up from the bottom until the lock is engaged with the piece below. Then let the bottom butt edge rest on the top edge of the course below when fastening.



WINDOWS AND DOORS

Installing J-Channel & Utility Trim For All Foundry Siding Products

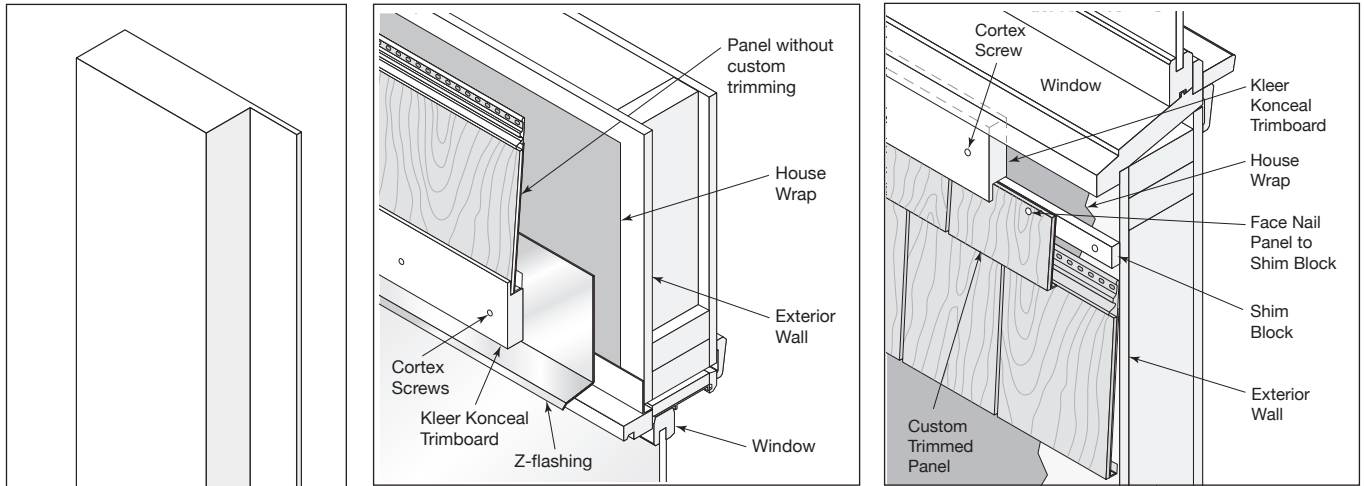
- When installing J-Channel around windows and doors, ensure it is lapped to shed water.
- 45-degree cuts on vertical pieces give a mitered look while overlapping horizontal pieces.
- Use Utility Trim to secure the panel to the wall if you need to cut the nailing hem off under windows or soffits.
- Place the Utility Trim into the J-channel, allowing a 1/4" spacing above and secure with nails every 10" .
- Cut the siding to fit into the utility trim.
- Use a snap lock punch to create locking tabs every 10 to 12".
- Install the siding into the Utility Trim.



Using Kleer Konceal Trim For All Foundry Siding Products

If your windows and doors do not have built-in “J” pockets, we recommend using Kleer Konceal Trim Boards or an equivalent trim piece. Use proper flashing methods to avoid water infiltration.

- Use proper flashing methods to avoid water infiltration.
- On all applications, you may need shims to correctly position the siding panel projection to the wall depending on the location and type of window sills and door headers



SOFFIT TRIM TERMINATIONS

Foundry Shake and Shingle Siding

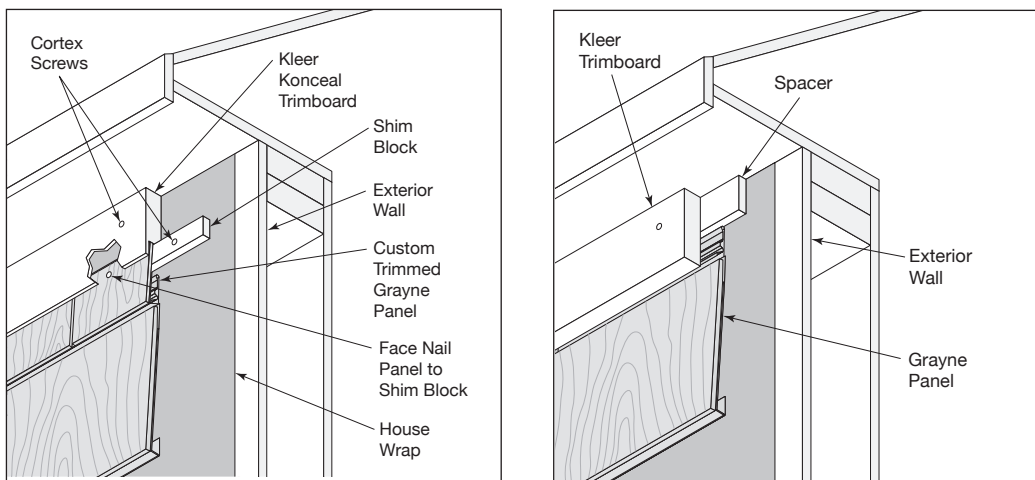
There are two common options of finishing your last course and adding trim under the soffit.

Using Kleer Konceal Trim

- When using Kleer Konceal Trim, cut your siding to the appropriate height and use a shim thickness that preserves the natural slope of the siding panel.
- Use a nail hole slot punch and face nail the siding panel into the shim and install the Kleer Konceal Trim.
- For siding requiring larger than 3/4" J-channel, Konceal may need to be shimmed off the wall so siding reveal accepts the thickness of the siding.

Capping with Traditional Trim

- Install a trim/fascia board over the installed shingles using a spacer to allow room for your siding panel.

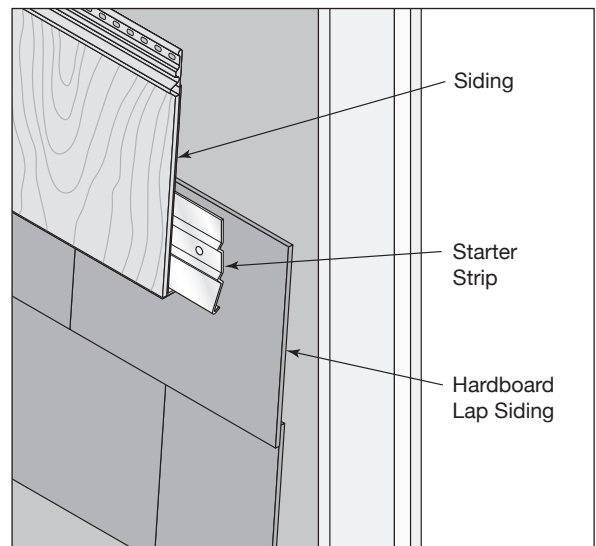


TRANSITIONS

Installing Belly Band Transitions - Foundry Shake and Shingle Siding

It is common to start your siding courses above a different exterior material such as stucco, brick or stone.

- Install a Kleer Trimboard or Fascia board over the wall.
- Install flashing past the trim and place the house wrap over the flashing.
- Install your starter strip with a 3/4" gap from the flashing lip, allowing enough room to position the siding panel.

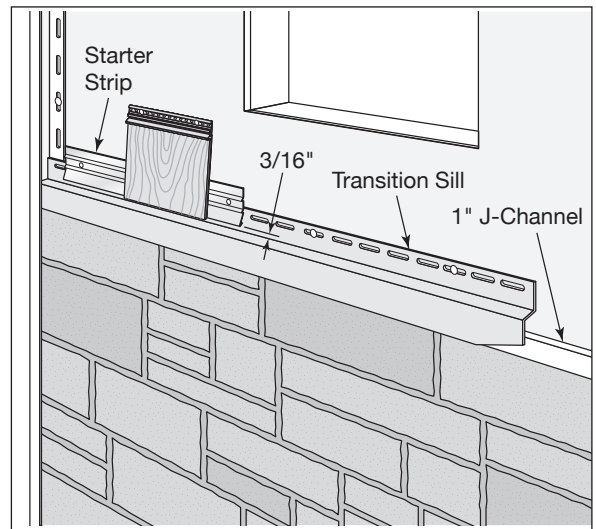


Transitioning from Hardboard Lap Siding

- Use a starter strip installed to the face of the hardboard to create transition to the siding panel.

Transitioning from Stone Panels to Siding

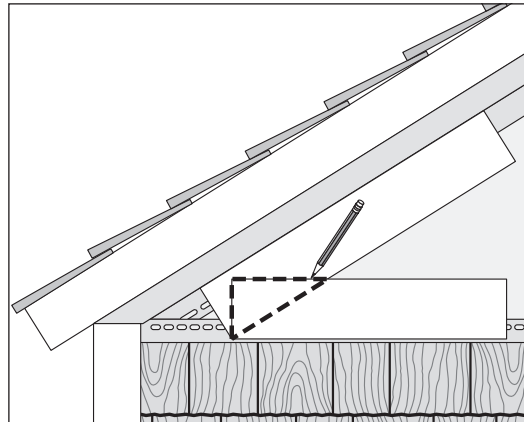
- Install a 1" J-Channel where you want to make your transition from stone panel to siding.
- Place the transition sill on top of the 1" J-Channel and hook the leg onto the face of the J-Channel then nail into place.
- Install the starter strip 3/16" from the shelf of the transition sill and install your siding.



Installing Foundry Shake and Shingle Siding in Gables

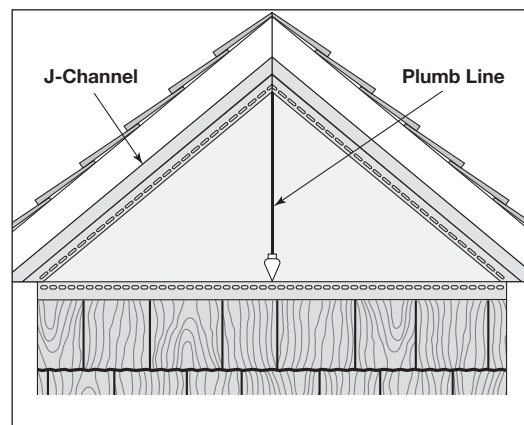
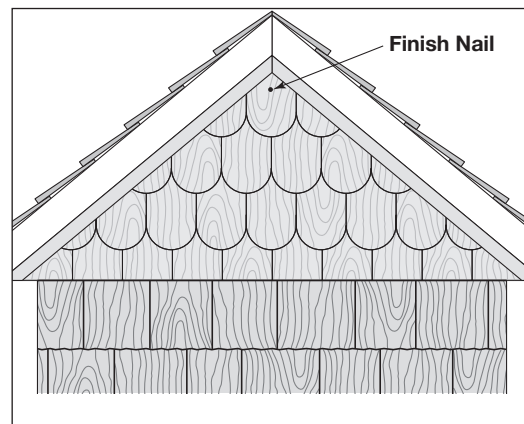
(Excludes Foundry Round Shingle Siding)

- Make a pattern that duplicates the slope of the gable.
- Mark the slope on your panel, trim with snips or a saw and install.
- Using a nail hole slot punch, it may be necessary to face nail the last panel at the peak with a 1-1/4" to 1-1/2" trim nail.



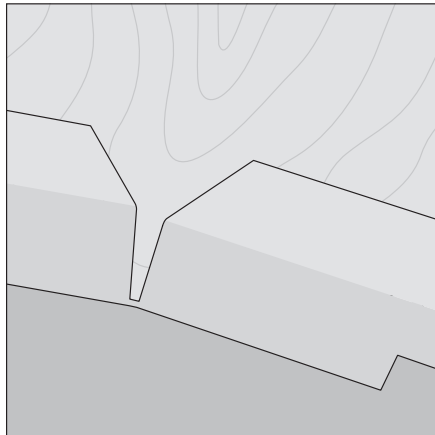
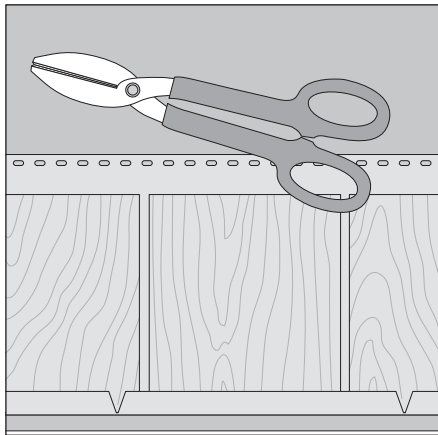
Installing Foundry Round Shingle Siding in Gables

- The peak of the gable should have a single round scallop centered at the peak.
- Mark a vertical plumb line.
- Install the starter strip 1/4" higher than the bottom edge of the first course.
- If the total courses are an even number, (2, 4, 6, etc.) a "V" should be centered at the intersection point. If an odd number is calculated (3, 5, 7, etc.), a single scallop should be centered.
- Offset the laps at least 10" or 2 scallops.
- When using partial panels, always cut in the seam between two scallops.
- Attach the single panel at the peak by predrilling an 1/8" hole in the scallop, face nailing the piece with a finish nail and painting the nail head to match.



Installing Siding on Turrets

- Temperatures of 75° F or higher will aid in the flexibility of the panels. Keep panels warm prior to installation on cold days or use an industrial heat gun if necessary.
- Cut a v-notch in the return leg (back side of panel) at the butt hem. The number of cuts needed will depend on the radius of the turret.
- Cut a straight line at the base of the butt hem starting at each of the v-notch points.
- If required by the radius of the turret, cut a straight line at the nail hem across from the v-notch. Make sure that the front side of the nail hem is cut free.



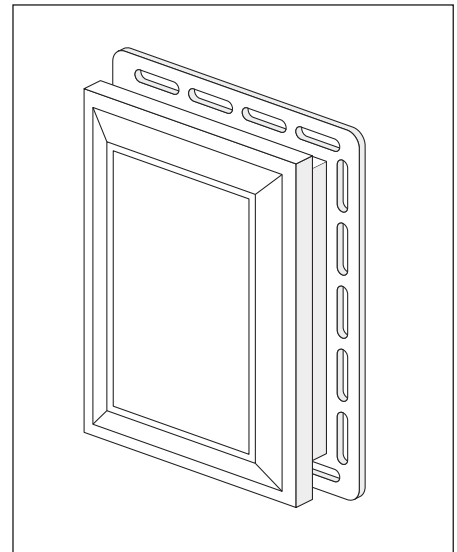
MID-AMERICA SIDING COMPONENTS

Mid America Components, part of the Boral Building Products family, offers a comprehensive selection of mounting blocks and vents that match or complement virtually any color of siding.

Visit **MidAmericaComponents.com** to find the right mounting blocks for your application.

Visit **FoundrySiding.com** for more information on shake and shingle siding, as well as accessories.

www.vinylsiding.org/wp-content/uploads/2020/06/2020-VSI-Installation-Manual.pdf is also an excellent installation resource offering diagrams and details.



Safety Note: When cutting or shaping, avoid breathing dust. Use only outdoors or in a well-ventilated area. In case of inadequate ventilation, use respiratory protection. Always wear eye protection.

Warning: This guide to install Foundry's Siding applies to exterior wall surfaces only. Before you begin, consult your local building code for the installation requirements for siding, breather membrane (housewrap), caulking, etc.

Follow manufacturer's instructions for the weather-resistant barrier and caulking. Failure to follow these installation requirements will void your warranties.



Installation Instructions

FoundrySiding | 800-521-8486

Made in the USA



BORAL
BUILDING PRODUCTS

Atlantic® Premium Shutters | Builders Edge® | Foundry® Specialty Siding | Kleer® | Mid-America Siding Components®
SturdiMount® | Tapco Tools® | TruExterior® Siding & Trim | Vantage® Shutters | Versetta Stone® | Wellcraft Egress Systems®