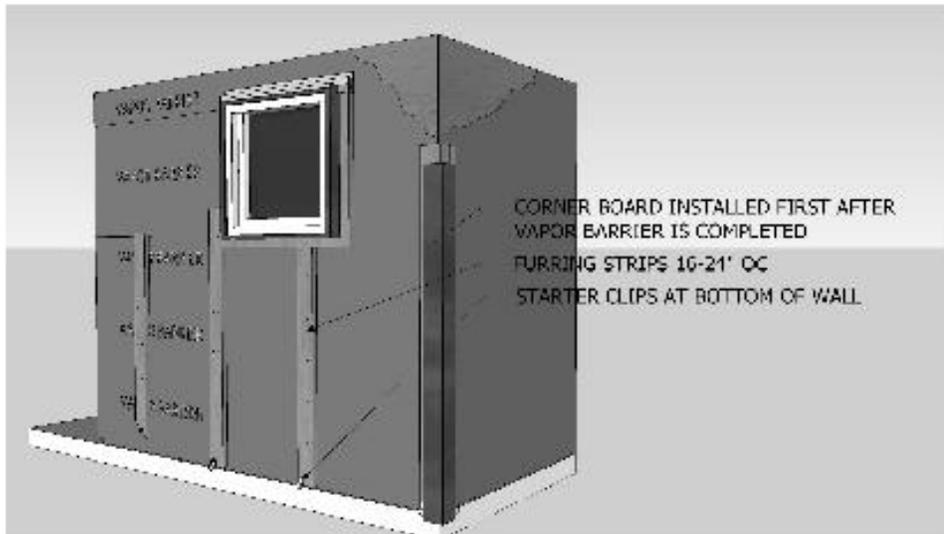


Rainscreen System Installation

Furring strip installation is most important. It is very important to get the bottom ones set straight and level. The bottom of the furring strip may vary slightly but the hole spacing is very accurate. Just line up the holes, do not worry about the bottom of the board.

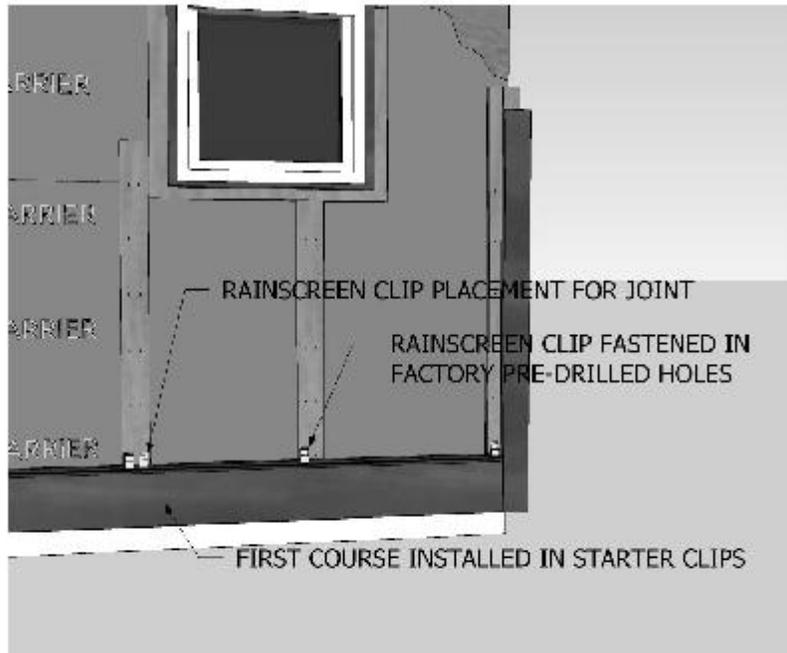
The furring strips must attach to studs every 16 to 24 inches and be screwed every 16 to 24 inches vertically. On CMU or brick attach with Tapcons or equiv. In the case of SIP panels use screws every 12 inches. Screws should be coated for exterior use or Stainless. Attach using the holes in the center of the furring strips.

Set outside furring strips first with the bottom of the strip where you want the bottom of the siding to start. Using a string or a laser on a set of angled holes, line up the rest of the furring strips along the wall on the same course of holes. When stacking it is best to reset a laser or string and trim the furring strips so there is a gap between insuring the repeat remains the same. Do not just stack them up. You will lose the accuracy of the repeat.

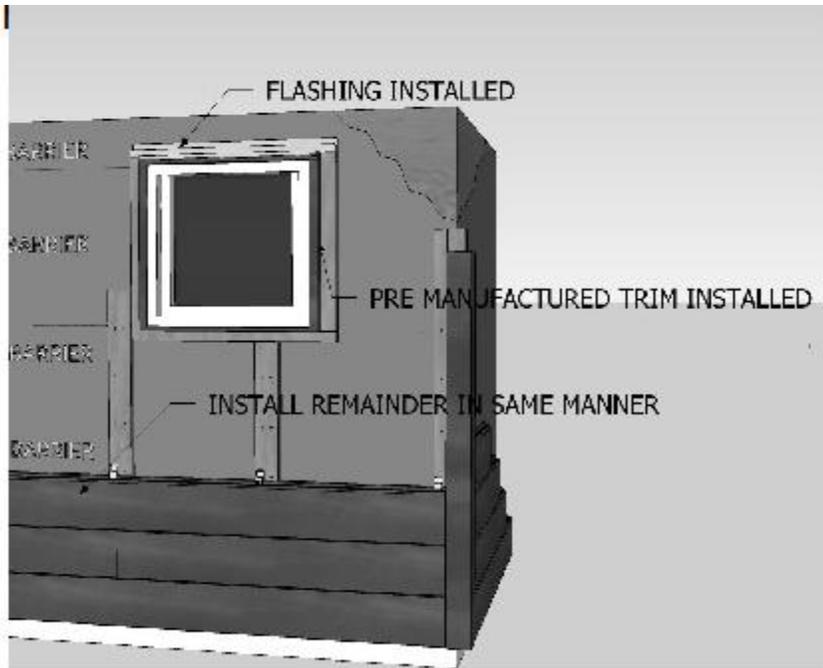


If using corner boards they will have pre-drilled furring strips attached to them. Align with the rest of the wall. If mitering outside corners, attach furring strips so they actually overlap on the outside of the corner and screw them together. This helps insure your miters stay as tight as possible. Window, door and termination trim has furring strips attached but does not have predrilled holes as it is impossible to get those to line up on the job. As you install the siding just drill holes (5/32" bit) where needed for the clips as you go.

Install starter clips at bottom of wall with provided screws in pre-drilled holes. Slide the first Rainscreen boards into the installed starter clip.



Fit the Rainscreen clips over the tongue at the top of the board and use the provided screws to attach the clip to the pre-drilled holes angled at 30°, tightening the Rainscreen siding securely to the wall. Install the next row of Rainscreen siding and clips in the same manner, staggering the joints and butting the ends together tightly. If your furring boards are properly set everything should line up with the pre-drilled holes. Use the angled holes to help keep everything tightened down.



There are 2 holes on every furring strip. You only need two clips on butt joints, land the joints on a furring board and use a clip on each board. Trim both ends of the siding boards, they are not guaranteed to be square and you should have extra length on most boards. It is a good idea to check the end of the board with a clip – if anything gets off during the milling process it is always right at the very end on the board.

Depending on how you land at the top of the wall and above doors and windows you will probably end up face nailing the last board. You will need a 1/8 shim behind the top of the board to keep it level with the rest of the siding. I like to put a dab of exterior construction adhesive behind the shim and behind the siding where it attaches to the shim.

Any other questions please call 785-597-5618 – and ask for Jim

