

GENERAL INSTALLATION

Quantum Wall via Catena Tab-Fit Installation System

Tools needed:

- Tape measure
- Straight edge
- Chalk line
- Speed square or framing square
- Table/circular/band saw
- Eye and ear protection
- Rubber mallet & beater block
- 1-5/8" X 8 exterior screws, flat head with nibs
- Electric/battery powered screw driver or nailer
- Construction adhesive
- Scraper and trowels
- Pin nails and nailer
- Wood filler for pin holes, *if necessary*

California Proposition 65 Notification Raw Wood Product Exposure

Warning: Drilling, sawing, sanding, or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to www.P65Warnings.ca.gov/wood



920.582.9977

Read instructions completely before starting installation.

It is the responsibility of the installer and/or homeowner to inspect all products prior to installation. If, before installation, you discover any product with perceived defects, please contact Oshkosh Designs immediately. Oshkosh Designs accepts no responsibility for cost of products or labor when products with perceived defects have been installed.

PREPARING FOR INSTALLATION:

This product must be protected from adverse moisture conditions. Interior environment must be controlled and humidity levels must be maintained between 30-50%. It should be stored above ground level and allowed to acclimate for **at least one week** prior to installation. Open the boxes and spread out the product. Avoid laying directly on concrete. Check NWFA guidelines for acclimation levels or requirements for your region.

Quantum wall panel installation requires time upfront to plan. You need to establish working lines to maximize the effect of the pattern and to avoid excess waste.

The wall must be sound.

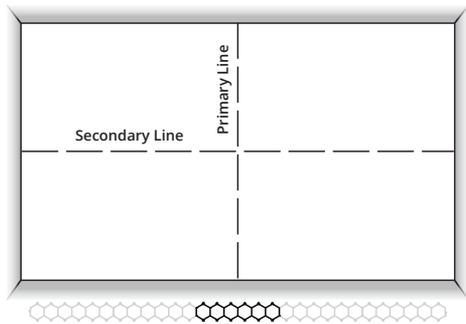
FOR NEW construction walls – secure OSB plywood directly to the studs and avoid drywalling or plastering the walls.

FOR EXISTING walls – secure OSB plywood to the studs directly over the drywall or plastered walls.

ONCE WALL IS PREPPED:

Find the center of the wall in both directions and strike a chalk line the full length in both directions. Lay the first row of grids along the wall on the floor. The first row of grids is critical so place a full grid in the center and dry-fit the grids to the right and to the left – see Figure 1. Measure the remaining distance to be filled on either side, it should be the same.

Fig. 1

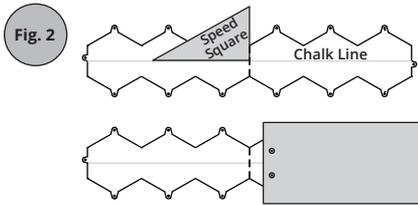


When tapping the grids together use a rubber mallet and beater block, tapping on a straight edge and not a point or tab. Check squareness with a level after each row is complete.

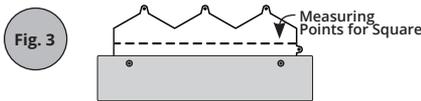
TRIMMING A GRID:

We suggest screwing a board to the backside of the grid. The board must be the entire width of the grid, not protruding more than 1" on any side. Check the screw length to make sure it

does not protrude through the front side. This board will guide you along the saw fence when cutting the irregular shaped grids. Measure two points on the grid and snap a chalk line. Then use a speed square on the chalk line for a 90° angle. Use this as a guide for cutting and screwing the board to the back side – see Figure 2.



Once the left and right sides are trimmed and inserted into the first row, you need to decide if you are starting at the top of the wall (you would trim the top of the grids) or along the floor (you would trim the bottom of the first row of grids). Snap a chalk line on the back side for square and screw a board to the backside – see Figure 3.



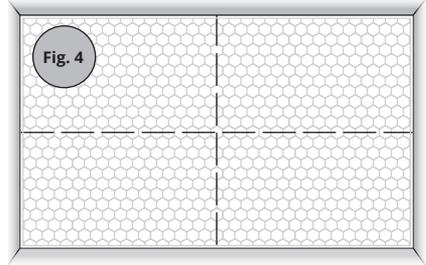
Once the first row of grids is trimmed, assemble one more time and double check you are comfortable with the position and fit at both sides of the wall. Disassemble grids and working left to right or right to left, start placing screws in via the tabs.

SUGGESTION: Use exterior Screws 1- $\frac{1}{8}$ " x 8 Flat head with Nibs, T-20 Star Drive, Type 17 Point. These screws will countersink into the tabs. Take caution to not over set the screws; the tabs could crack and create difficulty inserting the next grid.

Some pieces along the perimeter of the wall may require tabs to be trimmed off and adhered into place by gluing or pin nailing.

After the first row is complete, continue working left to right or right to left on the next row.

Repeat until you have one row remaining. Cut and fit the final row. Trim off and adhere into place by gluing or pin nailing any necessary pieces – see Figure 4.



For walls with edges exposed, add a feature strip to the sides in whatever thickness and woods species you prefer. These can be ordered from Oshkosh Designs at 920.582.9977.

Adding feature strips for a corner edge

First you must decide what width feature strip you would like running on the edge. Our recommendation is to use at least $\frac{1}{2}$ " width pieces. Install your wall as instructed, when you get to the corner edge you will add a feature strip along the edge, flush with the existing wall. The second feature strip will be wider and overlap the first feature strip edge.

Cleaning Your Wall Panels

A light dusting or vacuuming with a brush attachment is recommended periodically. A damp rag can also be used, but do not apply excess water onto the panels or they may warp.