

## GENERAL INSTALLATION

### Zenith Parquet 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*

#### Care and Cleaning Note:

Commercial hardwood floor cleaners (with a neutral pH value) will clean the hardwood floor.

#### 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](http://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.

Establish working lines. Plan the layout to maximize the effect of the pattern and to avoid excess waste.

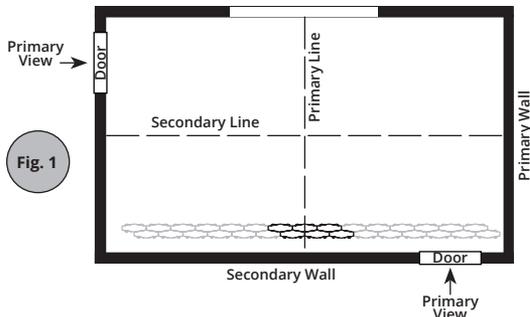
The subfloor must be sound. For subfloor construction specifications, if the subfloor is concrete or over radiant heat, follow NWFA guidelines and record moisture readings. Always consult with the National Wood Flooring Association at 800.422.4566 for recommended installation instructions.

Zenith installation requires time upfront to plan. Determine the focal point of the room: a picture window, fireplace, stairway, bookcase, hallway, or some other major feature. Where must the floor look its best and where should the rows look the straightest?" If the room is without any obvious focal point, then you should determine the traffic pattern in the room, or how the room will be used. Ask yourself, "How do you expect the completed floor to look?" You can then decide on the viewing point of the floor and which wall to start laying the grids against.

Every room and every homeowner is different therefore develop the practice of deciding upon focal and viewing points. Consider your options and if you are a hired contractor, discuss the options with your customer.

#### GETTING STARTED:

Find the center of the room in both directions and strike a chalk line the full length of the room in both directions. Lay the first row of grids along the most critical, visual wall. The first row of grids is critical so place a full grid in the center and dry-fit the grids to the left and to the right - see Figure 1.

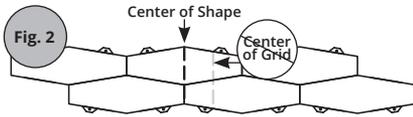


**PLEASE NOTE:** To give you more layout options and avoid an obvious repeat pattern, there are two different wood species combinations. Additionally, Pattern A and Pattern B (each box is labelled accordingly) can be rotated 180 degrees for further variation, see Pattern Diagrams included in each box. We recommend laying out some grids and establishing your desired pattern before installing. If removing grids from the boxes we suggest labeling each grid on the back side with pencil as A or B.

When tapping the grids together use a rubber mallet, tapping on a straight edge and not a point.

**SUGGESTION:** Due to the fact that the grid is asymmetrical, mark the center of a shape to use as your center point rather than the center of the grid – see Figure 2. This will make the ends symmetrical when finished.

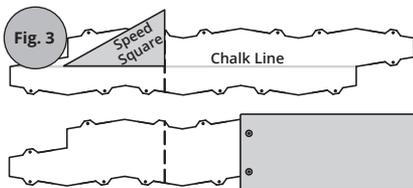
Measure the remaining distance to be filled on either side, it should be the same.



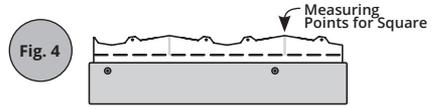
It is recommended that you leave 3/8" (or whatever your molding thickness) expansion space around the perimeter and all vertical obstructions, this allows for expansion of the woods and will be covered by the molding or quarter-round. Subtract this dimension from the remaining left and right grid on the first row. You are now ready to trim your first grid.

**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 or T-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 3.



Once the left and right sides are trimmed and inserted into the first row, it's time to trim the top portion of these grids. Snap a chalk line on the back side for square and screw a board to the backside – see Figure 4.



Trim the top of the first row of grids. With all grids in the first row trimmed and assembled, double check you are comfortable with the position and fit and make any adjustments. Unassemble these grids and working **right to left**, start placing screws or nails in via the tabs.

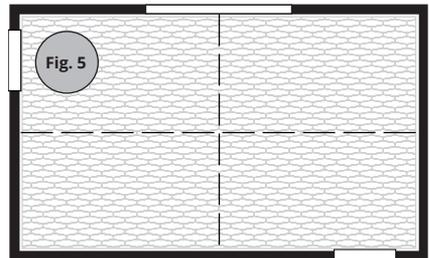
**SUGGESTION:** Use exterior Screws 1-5/8" x 8 Flat head with Nibs, T-20 Star Drive, Type 17 Point. These screws will countersink into the tabs. Take caution to not over set the screws; the tabs could crack and create difficulty inserting the next grid.

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

After the first row is complete, continue by trimming the next edge, and work **right to left**. For best yield of grids, use end trimmed pieces from previous row to start the next row. This piece may require some trimming to align with row above.

**When the room is halfway completed stop and check you are still square to your center chalk lines.**

Repeat until you have one row remaining. Cut and fit the final row at the wall line, being certain to allow the required expansion space. Trim off and adhere into place by gluing or pin nailing any necessary pieces – see Figure 5.



Add transition strips in doorways, if necessary. Sand, clean and apply the finish to the floor. Add moldings as required. Molding to cover the expansion space around the outside of the room should be attached to the wall and not to the floor.