

### Congratulations on your purchase of DUCHATEAU 3D Wood Wall Panels.

We strongly recommend you re an experienced finish carpenter or wood flooring installer to achieve quality installation results. The right tools and knowledge are the keys to successful installations.

#### IMPORTANT:

Be sure to fully inspect shipment for any damage upon arrival, prior to beginning installation. Any damage must be reported immediately to [customerservice@duchateau.com](mailto:customerservice@duchateau.com)

#### WARNING:

Improperly installing DUCHATEAU 3D Wood Wall Panels may result in voiding your warranty. Protect your warranty and investment by always fastening and gluing all DUCHATEAU 3D Wood Wall Panels.

### Recommended Tools

- Flat black paint
- Paint Tray
- Brush and Roller
- Protective Floor Cover
- Black Tape
- Level or Laser Level
- Chalk Line
- Construction Adhesive and Applicator
- Finish Miter Saw with a Horizontal Capacity of 16"
- Finish Table Saw
- Jigsaw
- 23 Gauge Nail Gun and Nails
- 18 Gauge Nail Gun and Nails
- Drill
- Air Compressor
- Step Ladder or Scaffold if needed
- Rubber Mallet
- Measuring Tape, Rules and Scoring Knife

### Optional

- Flathead Screws
- Countersink Bit

*NOTE: All saw blades must be in prime condition to work with pre-finished lumber.*

#### Step 1

Check that the wall is level and plumb. If not, note all differences in height and/or width, and adjust your layout accordingly.

Fix any irregularities on the surface of your installation area that might affect how the tiles will lay.

#### Step 2

Paint the desired installation area matte black to hide any potential gaps between or within tiles due to expansion and contraction over time. A 1/16" gap is normal between tiles.

For edges, use black tape to further conceal paint imperfections if needed.

#### Step 3

Leave a 1/4" gap around the perimeter of your installation area, including any trim, to allow for product expansion and contraction. Use shims for an even separation if needed,

#### Step 4

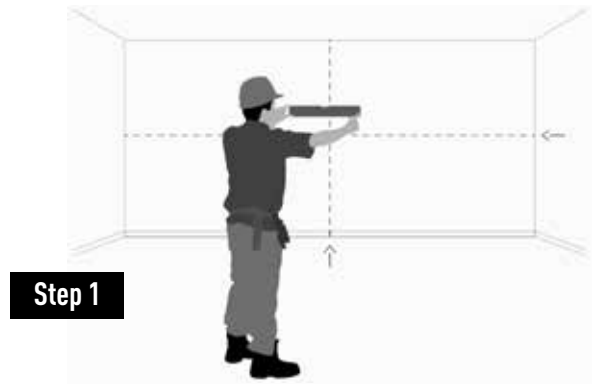
Determine which direction you wish to install the tiles - horizontal, vertical or diagonal.

Lay two rows out on the floor before installing to plan your wall. Define and mark initial cuts.

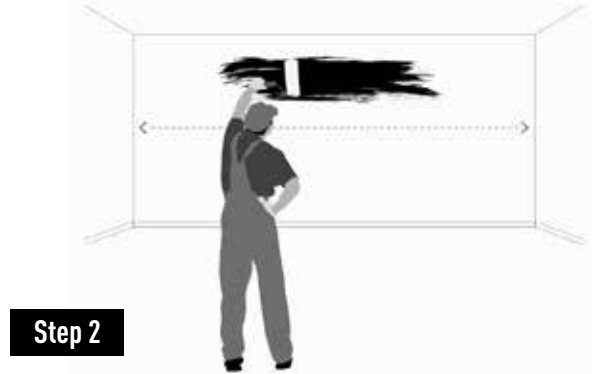
**IMPORTANT:** If centered install is desired, mark center piece and measure out to ends of wall to ensure both sides are equivalent before cutting excess.

#### Step 5

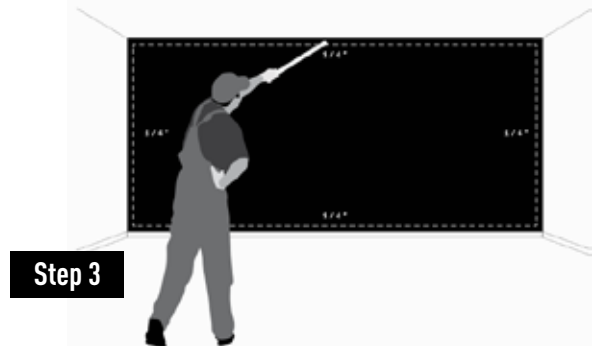
Measure and mark horizontal and vertical guidelines matching your tile size using a laser level and chalk line



Step 1



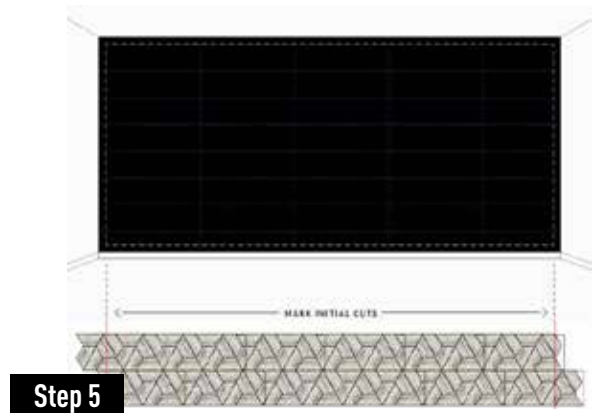
Step 2



Step 3



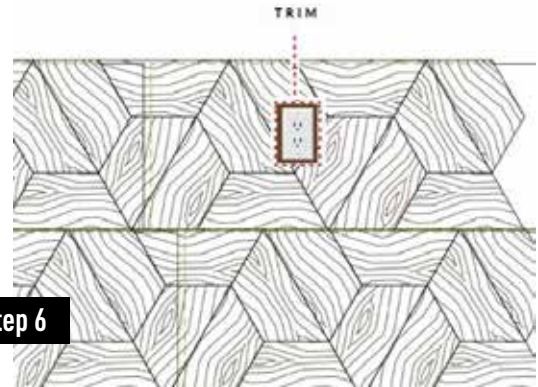
Step 4



Step 5

#### Step 6

To prepare for outlets, light switches or other items, arrange other rows of tiles that require additional cuts on the floor. Mark all cuts needed once level. See additional instructions for installing mouldings. Note that the final row may also need to be cut.

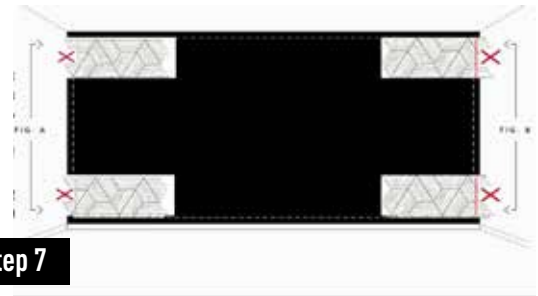


Step 6

#### Step 7

To install horizontally, begin in the left corner with the hardboard back panel facing the direction of the install. Define and mark initial cuts.

Starting from the left (Figure A) place the visible hardboard back panel to the right. Starting from the right, (Figure B) place the visible hardboard back panel to the left.



Step 7

#### Step 8

Cut off excess tab material from the tile in order to be flush with the edge of the install area. Please note that when cutting, some pattern pieces may fall off due to the vibration of the saw. If this happens, simply glue back on and then nail from back to secure it firmly.

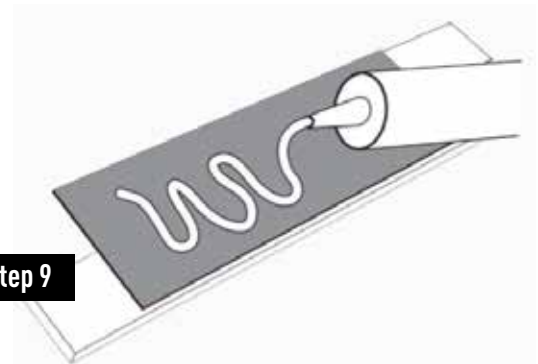
#### Step 9

Add construction adhesive on the back panel of the first tile. Place the initial tile at the starting point of your installation.

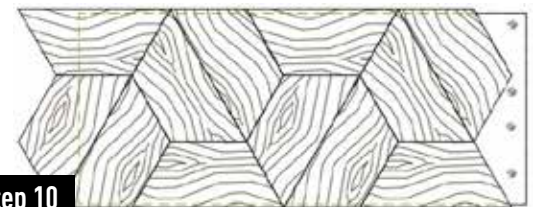


#### Step 10

Once tile is level and aligned, fasten the exposed back panel with at least 4 #18 Gauge nails. (OPTIONAL: If using flathead screws, be sure to use a countersink bit first to drill holes below the surface.)



Step 9



Step 10

#### Step 11

Apply pressure on the individual piece when nailing.  
Using #23 Gauge Nails, nail in between individual wood pieces, taking care to hide the nails within the 3D volume of each design.

When possible, do not nail on the face of each insert to maintain the finished aesthetic of the wall covering.

#### Step 12

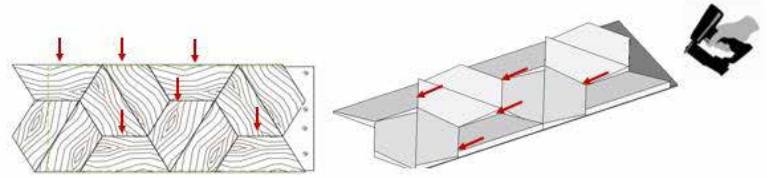
Apply a very small amount of construction adhesive on the exposed hardwood panel in preparation for the next tile.

#### Step 13

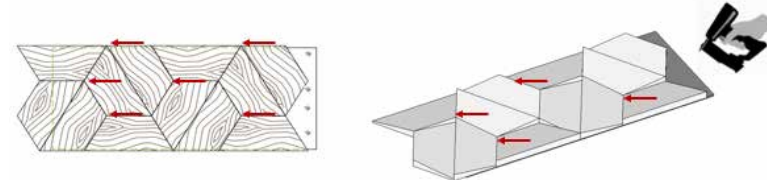
Carefully slide and fit the next adjacent tile under the previous tile. If necessary, use a rubber mallet and a scrap piece of wood to assist.

Remember, a 1/16" separation is normal, as each handmade piece must be allowed to expand and contract.

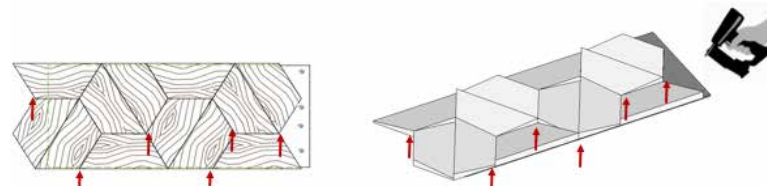
#### Step 11



Above eye level, use 23 Gauge nails at a downward angle.

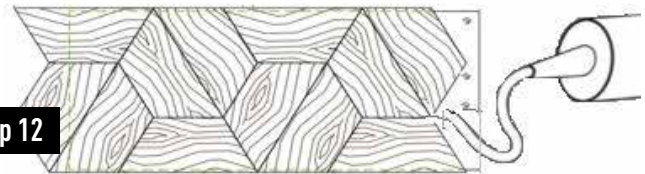


At eye level, use 23 Gauge nails, nailing in the edges of each panel.

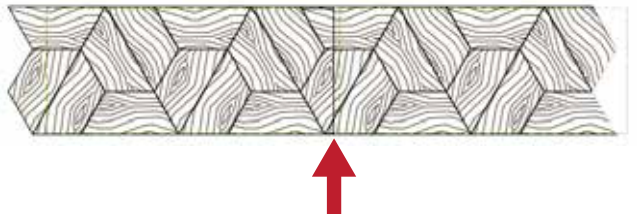
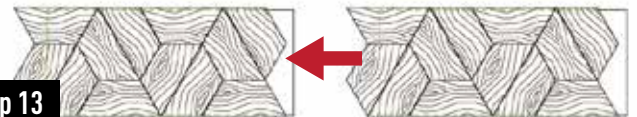


Below eye level, use 23 Gauge nails, nailing at an upward angle to avoid visible nails.

#### Step 12



#### Step 13



#### Step 14

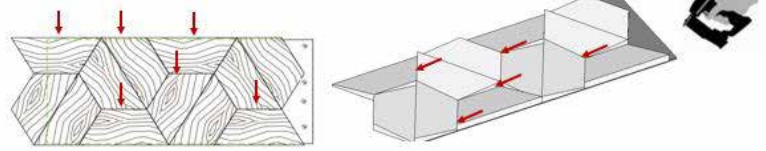
Make sure each tile and row is level and plumb.

#### Step 15

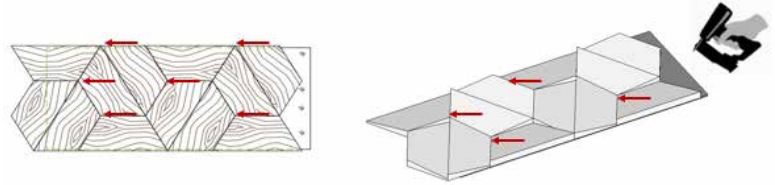
Repeat the entire fastening process across the wall, making sure to cut any tiles to fit as you approach the end of the wall.

**REMEMBER:** The panels must be affixed with both glue and nails for our Warranty to apply. This also prevents panels from warping.

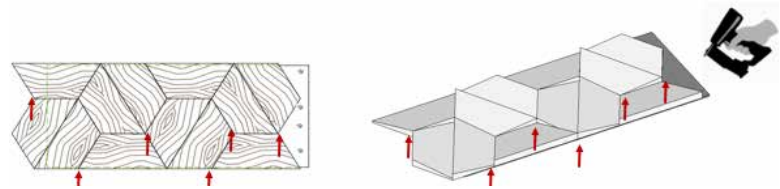
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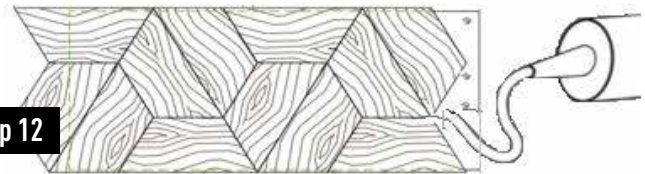


At eye level, use 23 Gauge nails, nailing in the edges of each panel.



Below eye level, use 23 Gauge nails, nailing at an upward angle to avoid visible nails.

#### Step 12



#### Step 13

