THANK YOU FOR YOUR PURCHASE OF DUCHÂTEAU WALL COVERINGS.

We recommend you hire an experienced finish carpenter or wood flooring installer to achieve quality results with all DuChâteau Wall Coverings. The right tools are key for a successful installation.

IMPORTANT:

BE SURE TO FULLY INSPECT SHIPMENT FOR ANY DAMAGE IMMEDIATELY UPON ARRIVAL PRIOR TO INSTALLATION. ANY DAMAGE MUST BE REPORTED IMMEDIATELY TO CUSTOMERSERVICE@DUCHATEAU.COM.

WARNING:

IMPROPERLY INSTALLING DUCHÂTEAU WALL COVERINGS MAY RESULT IN VOIDING YOUR WARRANTY. PROTECT YOUR WARRANTY AND YOUR INVESTMENT, ALWAYS FASTEN AND GLUE DUCHÂTEAU WALL COVERINGS.
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**RECOMMENDED TOOLS**

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<td>Measuring Tape, Ruler and Scoring Knife</td>
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*NOTE: MAKE SURE YOUR BLADES ARE IN PRIME CONDITION TO WORK WITH PRE-FINISHED LUMBER.*
HORIZONTAL
STEP 1

First, check the wall(s) is level from floor to ceiling and edge-to-edge.

If not, be sure to note the differences in height and/or width, and adjust layout accordingly.

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

TOOLS: LASER LEVEL OR LEVEL
STEP 2

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

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

TOOLS:

- Flat Black Paint
- Paint Tray
- Protective Floor Cover
- Paint Brush and Roller
- Black Tape
PREPARATION

STEP 3

Leave a 1/4" gap around the perimeter of your installation area, including trim, to allow for product expansion and contraction.

Use shims for an even separation, if necessary.
STEP 4

Assess the direction of the tiles you wish to have them installed – horizontal, vertical, and/or even diagonal at any angle.

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

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

*The visible hardboard back panel should always be facing the direction of installation.*
PREPARATION

STEP 5

Measure and mark your horizontal and vertical guidelines using a laser level and chalk line in accordance with the tile dimensions.

TOOLS: LASER LEVEL CHALK LINE
STEP 6

In prep for outlets, light switches, etc., arrange any other rows of tiles on the floor that will require additional cuts, taking care to mark any outlets and define initial cuts once level; please see special instructions for installing mouldings.

Anticipate final row might need to be trimmed to fit as well.

TOOLS:
- RULER
- JIGSAW AND DRILL
- MITER SAW OR TABLE SAW
FASTENING

STEP 7

To install HORIZONTALLY, begin in either TOP RIGHT corner or BOTTOM LEFT corner, as long as the hardboard back panel is facing the direction of the install. Define and mark initial cuts.

**FIG A.** Starting from Left to Right from the Bottom, place the visible hardboard back panel to the Right and Up.

**FIG B.** Starting from Right to Left from the Top, the visible hardboard back panel to the Left and Top.

*(NOTE: Initial cuts will vary depending on your desired installation area.)*
FASTENING

STEP 8

Cut excess tab off the wall tile in order to be flush and ensure proper coverage.

**FIG A.** The excess tile will need to be cut on the left and below to be flush with the wall/floor.

**FIG B.** The excess tile will need to be cut on the right and top to be flush with the wall/ceiling.

Please note that when cutting any pattern, pieces may fall off due to the vibration of the saw. Simply, glue back on and nail from back to secure it firmly.
FASTENING

STEP 9

Add adhesive on the back panel, and place the initial tile at the starting point of the installation.

TOOLS: CONSTRUCTION ADHESIVE APPLICATOR
FASTENING

STEP 10

Once 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 Counter Sink bit first to drill screws below the surface.)

TOOLS: 18 GAUGE NAIL GUN WITH NAILS
**FASTENING**

**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.

**TOOLS:** **23 GAUGE NAIL GUN WITH NAILS**

**FIG. A:** ABOVE EYE LEVEL, USE #23 GAUGE NAILS AT A DOWNWARD ANGLE.

**FIG. B:** AT EYE LEVEL, USE #23 GAUGE NAILS, NAILING INTO THE EDGES OF EACH PANEL.

**FIG. C:** BELOW EYE LEVEL, USE #23 GAUGE NAILS, NAILING AT AN UPWARD ANGLE TO AVOID VISIBLE NAILS.
STEP 12

Now, apply a very small amount of adhesive on the exposed hardwood panel in preparation for the next tile.

TOOLS: CONSTRUCTION ADHESIVE APPLICATOR
STEP 13

Tightly fit the next adjacent 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.

TOOLS: RUBBER MALLET
FASTENING

STEP 14

Make sure each tile and row is level.

TOOLS: LASER LEVEL OR LEVEL
FASTENING

STEP 15

Repeat this 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 GLUED AND NAILED FOR THE WARRANTY TO APPLY; THIS METHOD WILL ALSO PREVENT THE PANELS FROM WARPING IN THE FUTURE.
VERTICAL
PREPARATION

STEP 1

First, check the wall(s) is level from floor to ceiling and edge-to-edge.

If not, be sure to note the differences in height and/or width, and adjust layout accordingly.

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

TOOLS: LASER LEVEL OR LEVEL
STEP 2

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

For edges, use black tape to further conceal paint imperfection, if needed.
STEP 3

Leave a 1/4" gap around the perimeter of your installation area, including trim, to allow for product expansion and contraction.

Use shims for an even separation, if necessary.

TOOLS: MEASURING TAPE, RULER
**PREPARATION**

**STEP 4**

Assess the direction of the tiles you wish to have them installed – horizontal, vertical, and/or even diagonal at any angle.

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

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

*The visible hardboard back panel should always be facing the direction of installation.*
PREPARATION

STEP 5

Measure and mark your horizontal and vertical guidelines using a laser level and chalk line in accordance with the tile dimensions.

TOOLS: LASER LEVEL CHALK LINE
PREPARATION

STEP 6

In prep for outlets, light switches, etc., arrange any other rows of tiles on the floor that will require additional cuts, taking care to mark any outlets and define initial cuts once level; please see special instructions for installing mouldings.

Anticipate final row might need to be trimmed to fit as well.

TOOLS:
- RULER
- JIGSAW AND DRILL
- MITER SAW OR TABLE SAW
STEP 7

To install VERTICALLY, begin in either **TOP LEFT** corner or **BOTTOM RIGHT** corner, as long as the hardboard back panel is facing the direction of the install. Define and mark initial cuts.

**FIG A**. Starting from Left to Right from the Top, place the visible hardboard back panel to the Right and Down.

**FIG B**. Starting from Right to Left from the Bottom, the visible hardboard back panel to the Left and Up.

(NOTE: Initial cuts will vary depending on your desired installation area.)
FASTENING

STEP 8

Cut excess tab off the wall tile in order to be flush and ensure proper coverage.

**FIG A.** The excess tile will need to be cut on the left and top to be flush with the wall/ceiling.

**FIG B.** The excess tile will need to be cut on the right and below to be flush with the wall/floor.

Please note that when cutting any pattern, pieces may fall off due to the vibration of the saw. Simply, glue back on and nail from back to secure it firmly.
FASTENING

STEP 9

Add adhesive on the back panel, and place the initial tile at the starting point of the installation.

TOOLS: CONSTRUCTION ADHESIVE APPLICATOR
STEP 10

Once 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 Counter Sink bit first to drill screws below the surface.)

TOOLS: 18 GAUGE NAIL GUN WITH NAILS
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.

TOOLS: 23 GAUGE NAIL GUN WITH NAILS
STEP 12

Now, apply a very small amount of adhesive on the exposed hardwood panel in preparation for the next tile.

TOOLS: CONSTRUCTION ADHESIVE APPLICATOR
STEP 13

Tightly fit the next adjacent 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.

TOOL: RUBBER MALLET
FASTENING

STEP 14

Make sure each tile and row is level.

TOOLS: LASER LEVEL OR LEVEL
FASTENING

STEP 15

Repeat this 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 GLUED AND NAILED FOR THE WARRANTY TO APPLY; THIS METHOD WILL ALSO PREVENT THE PANELS FROM WARPING IN THE FUTURE.
SPECIAL APPLICATIONS
## FOR OUTLETS, LIGHT SWITCHES, BUTTONS, ETC...

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<th>STEP 3</th>
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<tr>
<td>Mark your outlet distance and elevation on your test pattern and on the wall.</td>
<td>Mark your tile and drill 4 holes for each corner of the outlet.</td>
<td>Using a Jigsaw to cut a line from corner to corner.</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td>STEP 4</td>
<td>STEP 5</td>
<td></td>
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<tr>
<td>Turn the piece around, trim and detail.</td>
<td>Test on wall before applying glue/nails.</td>
<td></td>
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We do not recommend the use of DuChâteau Wall Coverings around a fireplace or a heater. Being made from wood, DuChâteau Wall Coverings are inherently flammable. Check your local codes.

In most areas, this is prohibited by code. Optional “A” Rating fire retardant is available for an additional fee.
DuChâteau Wall Coverings may be used in bathrooms as long as they are NOT installed at or near splash areas.
CEILING APPLICATIONS

In general, we do not recommend using these products for ceiling applications; this specifically includes Arc Chevron, Crest, Curva Chevron, Curva, Krescent, Kuadra, Metamorphosis, Parallels, Scale Reckt, Tresses, Vertex, and Wave styles.

However, if Edge, Infuse and Kubik styles are used in a ceiling application, use three #18 Gauge Nails over each solid part of the tile as an extra precaution and must be installed by a Licensed Flooring Contractor or Licensed Finish Carpenter with ceiling installation experience. Special glues and nail size must be specified by the Project Engineer and/or signing Architect for the project and also combined with the use of #18 Gauge Nails along the edges of each tile.
CONCRETE WALLS

For installation over concrete walls, wood separators and OSB boards are recommended. Direct installation over concrete is NOT covered by the warranty.
WHAT IS RELATIVE HUMIDITY? AND HOW RELATIVE HUMIDITY AFFECT YOUR DUCHÂTEAU WALL COVERINGS

RELATIVE HUMIDITY (RH) IS THE AMOUNT OF WATER VAPOR PRESENT IN AIR EXPRESSES AS A PERCENTAGE OF THE AMOUNT NEEDED FOR SATURATION AT THE SAME TEMPERATURE.

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<tr>
<th>RH</th>
<th>CAUTION ZONE:</th>
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<tr>
<td>75% - 65%</td>
<td>May experience greater than normal movement</td>
</tr>
<tr>
<td>60% - 40%</td>
<td>SAFE ZONE: Well experience normal seasonal movement (gapping)</td>
</tr>
<tr>
<td>35% - 30%</td>
<td>CAUTION ZONE: May experience greater than normal movement</td>
</tr>
<tr>
<td>20% - 5%</td>
<td>GUARANTEED FAILURE ZONE: Will experience excessive gapping, cupping, checking, cracking and/or splitting</td>
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