
INFUSE

INSTALLATION GUIDE



DUCHÂTEAU

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.

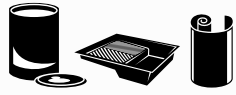
WARNING:

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



FLAT BLACK PAINT, TRAY AND PROTECTIVE FLOOR COVER



BRUSH AND ROLLER



BLACK TAPE



LASER LEVEL OR LEVEL



CHALK LINE



FINISH MITER SAW* WITH A HORIZONTAL CAPACITY OF 16"



FINISH TABLE SAW*



JIGSAW



23 GAUGE NAIL GUN WITH NAILS



CONSTRUCTION ADHESIVE AND APPLICATOR



DRILL



AIR COMPRESSOR



RUBBER MALLET



STEP LADDER OR SCAFFOLD
- IF NECESSARY



MEASURING TAPE, RULER AND SCORING KNIFE

*NOTE: MAKE SURE YOUR BLADES ARE IN PRIME CONDITION TO WORK WITH PRE-FINISHED LUMBER AND WOOD VENEERS. USE FINISH VENEER BLADES IN GOOD CONDITION FOR ALL CUTS.

HORIZONTAL

PREPARATION

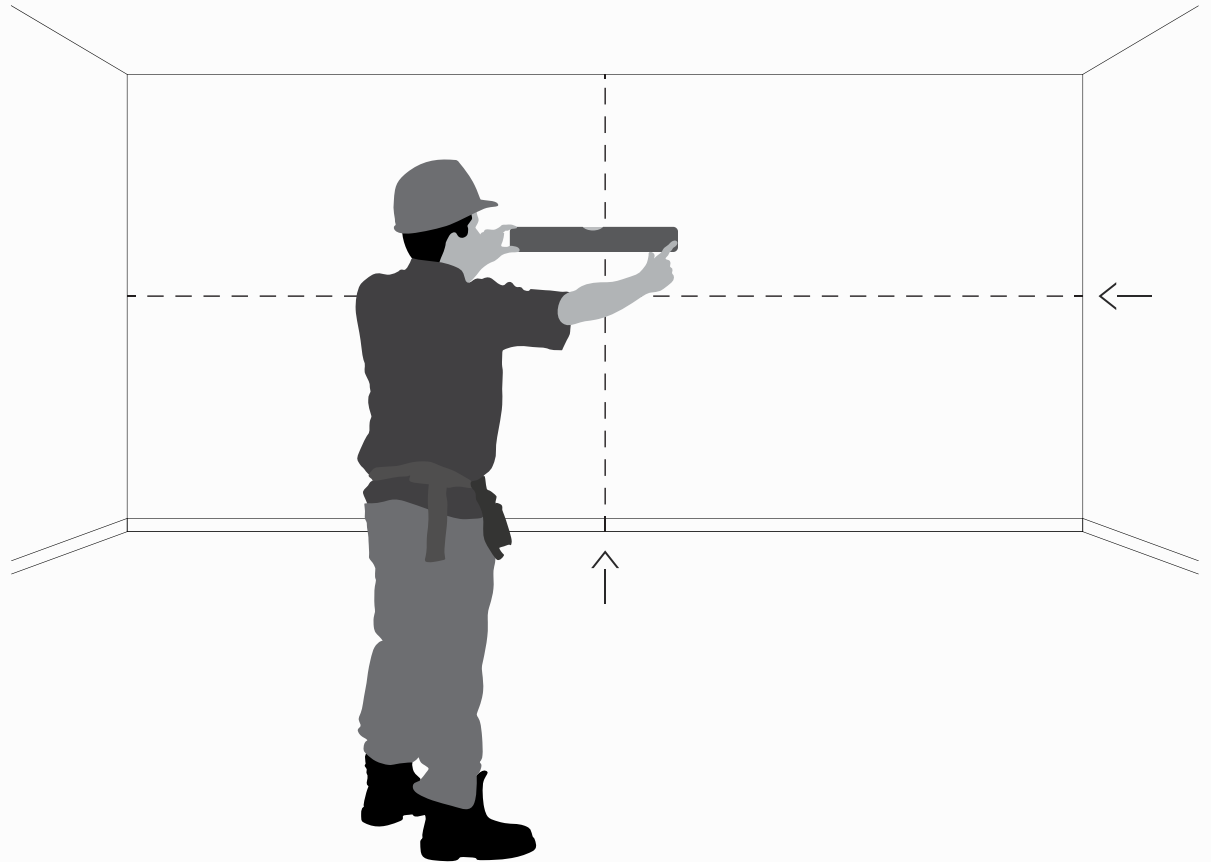
STEP 1

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



PREPARATION

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.

FLAT BLACK PAINT
PAINT TRAY
TOOLS: PROTECTIVE FLOOR COVER
PAINT BRUSH AND ROLLER
BLACK TAPE

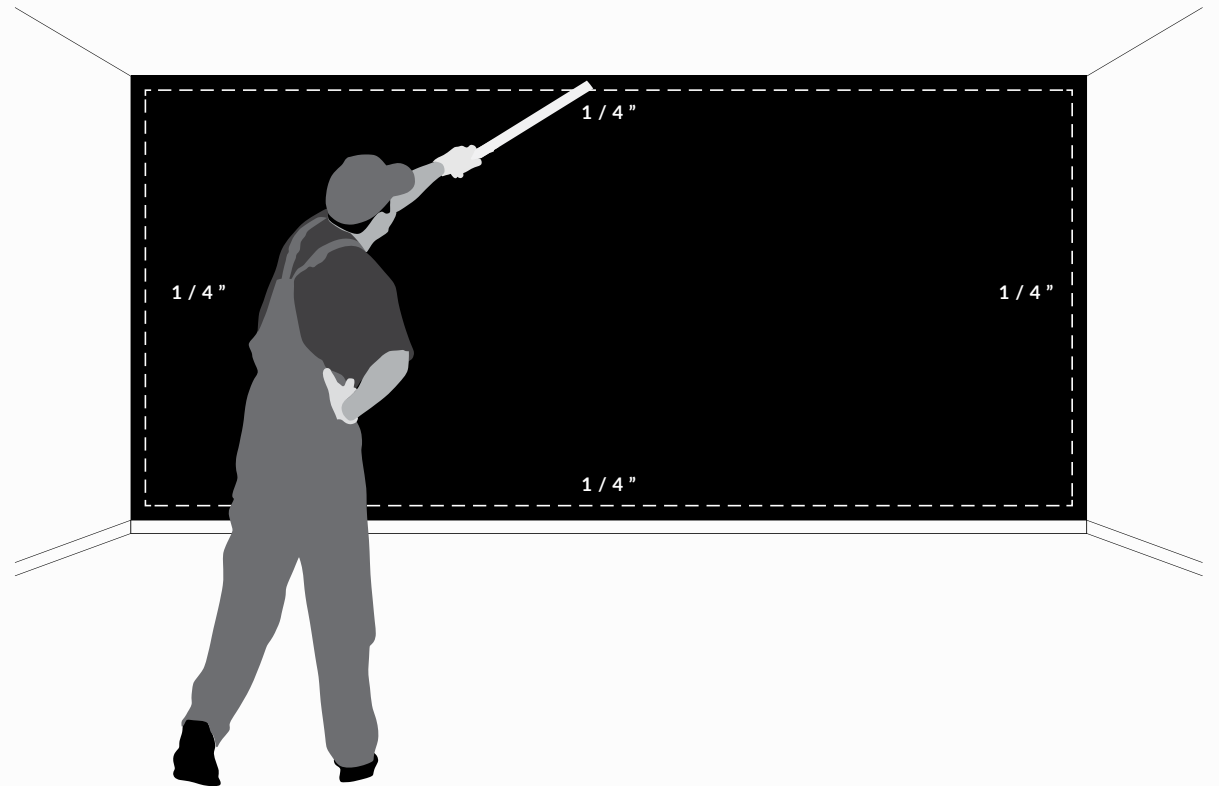


PREPARATION

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.



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.

FIG. A

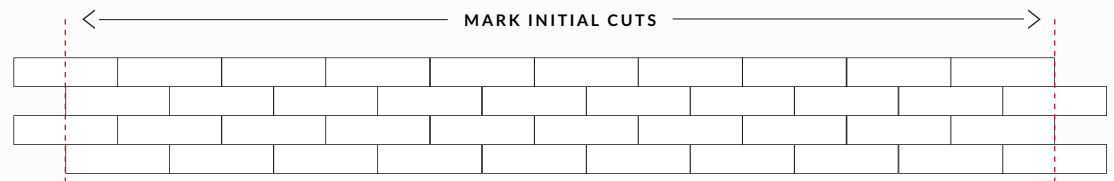
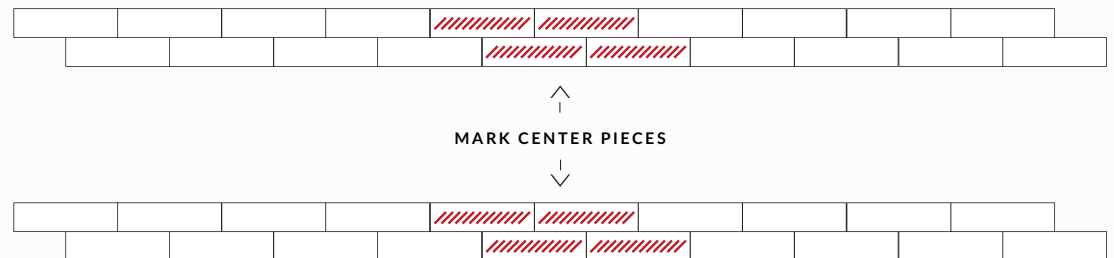


FIG. B (CENTERED INSTALL)

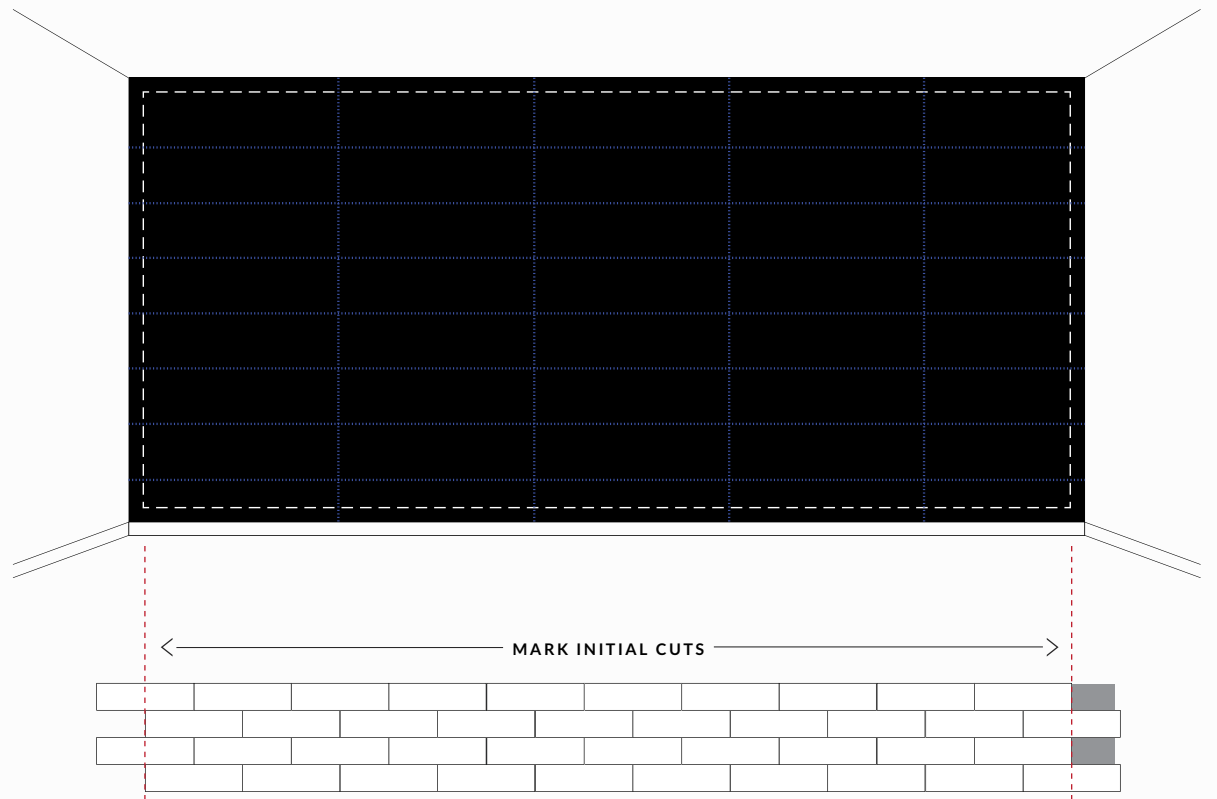


PREPARATION

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



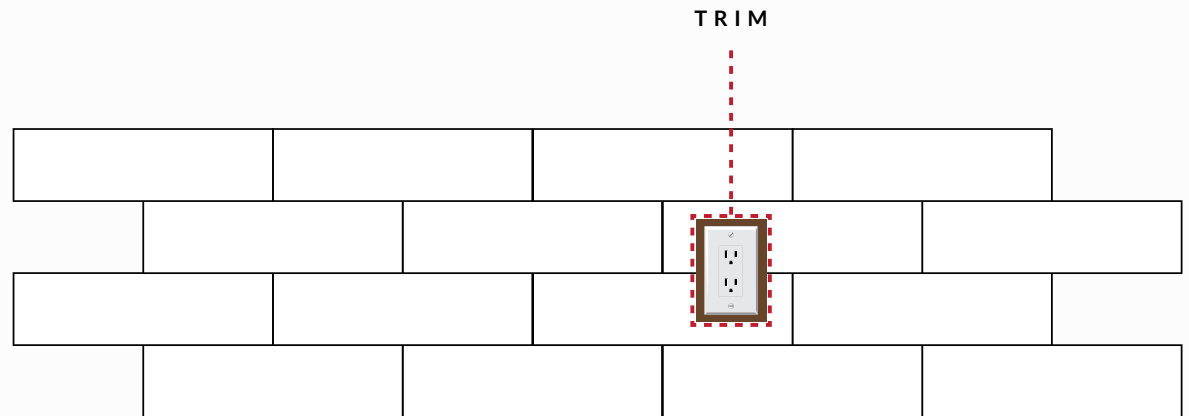
PREPARATION

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.

RULER
TOOLS: JIGSAW AND DRILL
MITER SAW OR TABLE SAW



FASTENING

STEP 7

To install HORIZONTALLY, begin in any corner of the wall. Define and mark initial cuts.

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

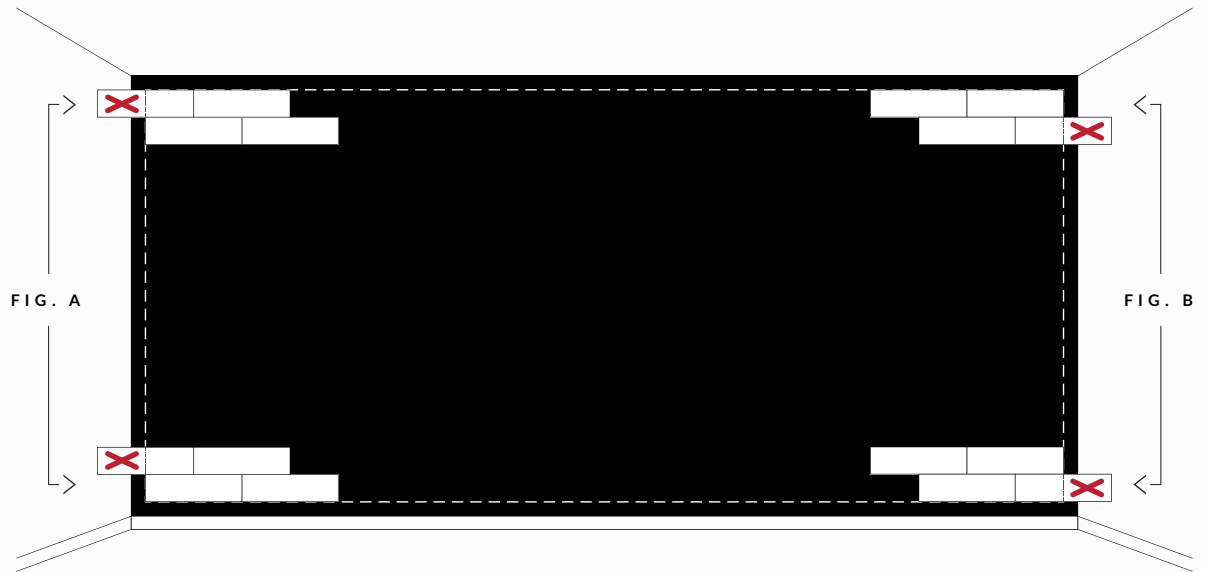


FIG. A

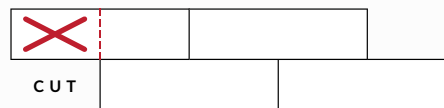
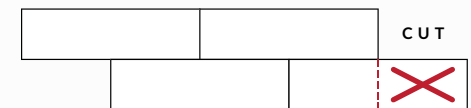


FIG. B

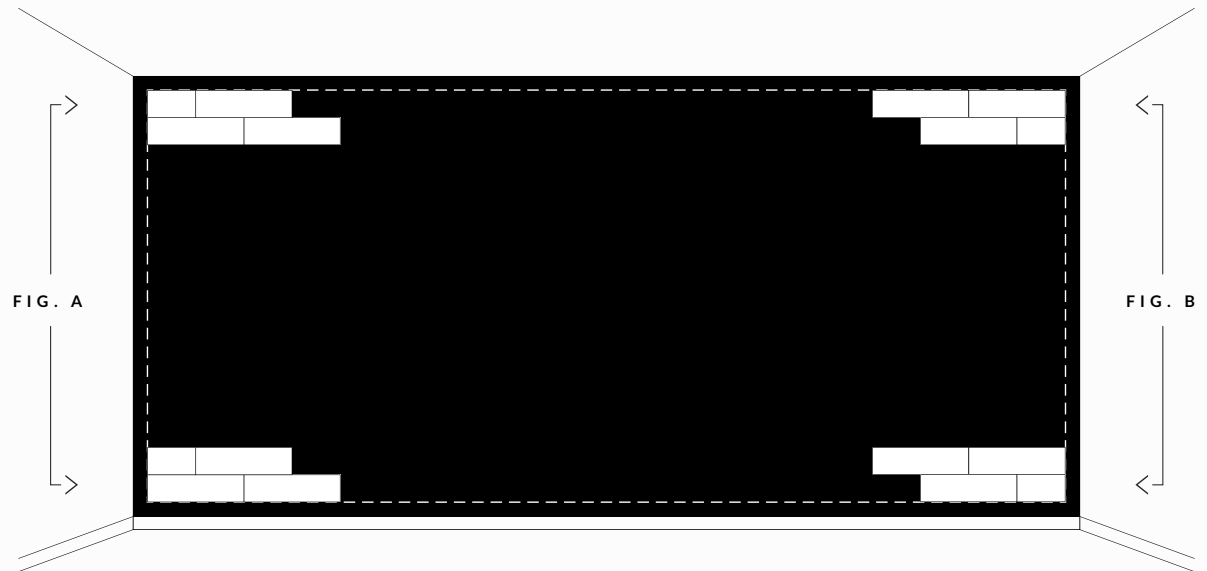


FASTENING

STEP 8

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

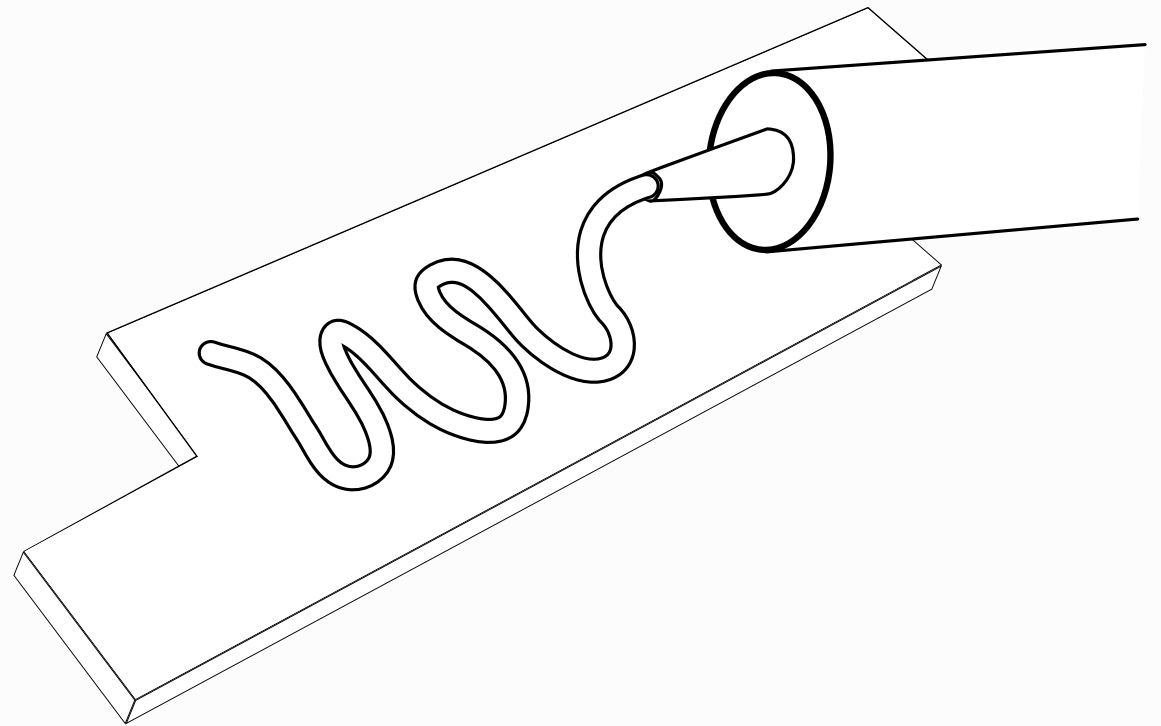
Please note that when cutting any pattern, pieces may fall off due to the vibration of the saw. Simply, glue back on and nail from back to secure it firmly.



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, apply pressure on the individual piece to fasten.

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

Do NOT nail through the veneer of the tile; the nails will be left visible and difficult to touch up.

TOOLS: 23 GAUGE NAIL GUN WITH NAILS

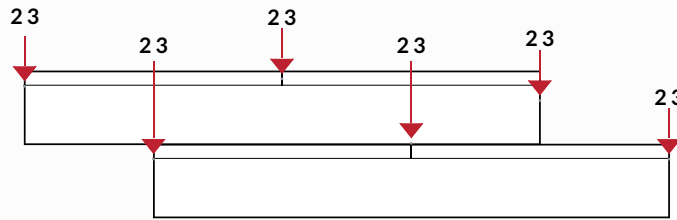


FIG. A: ABOVE EYE LEVEL, USE #23 GAUGE NAILS AT A DOWNWARD ANGLE.

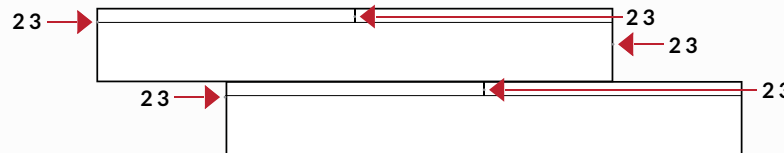


FIG. B: AT EYE LEVEL, USE #23 GAUGE NAILS, NAILING INTO THE EDGES OF EACH PANEL.

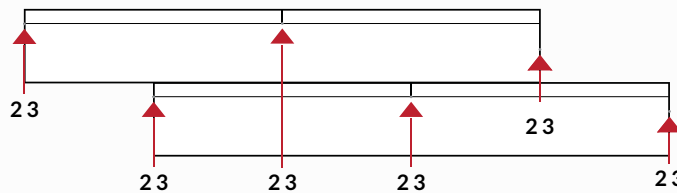


FIG. C: BELOW EYE LEVEL, USE #23 GAUGE NAILS, NAILING AT AN UPWARD ANGLE TO AVOID VISIBLE NAILS.

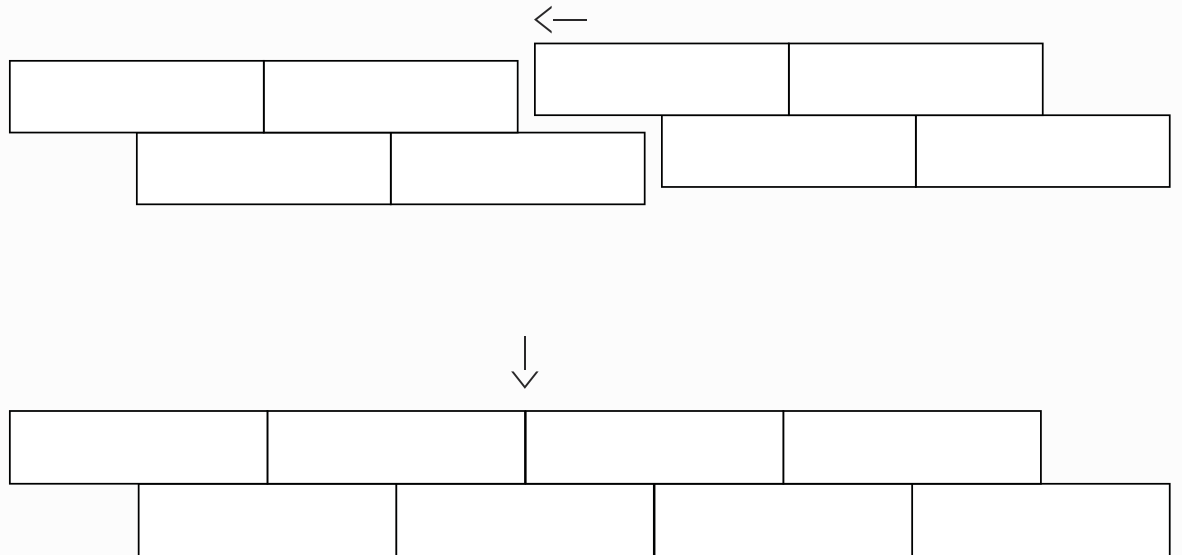
FASTENING

STEP 11

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.

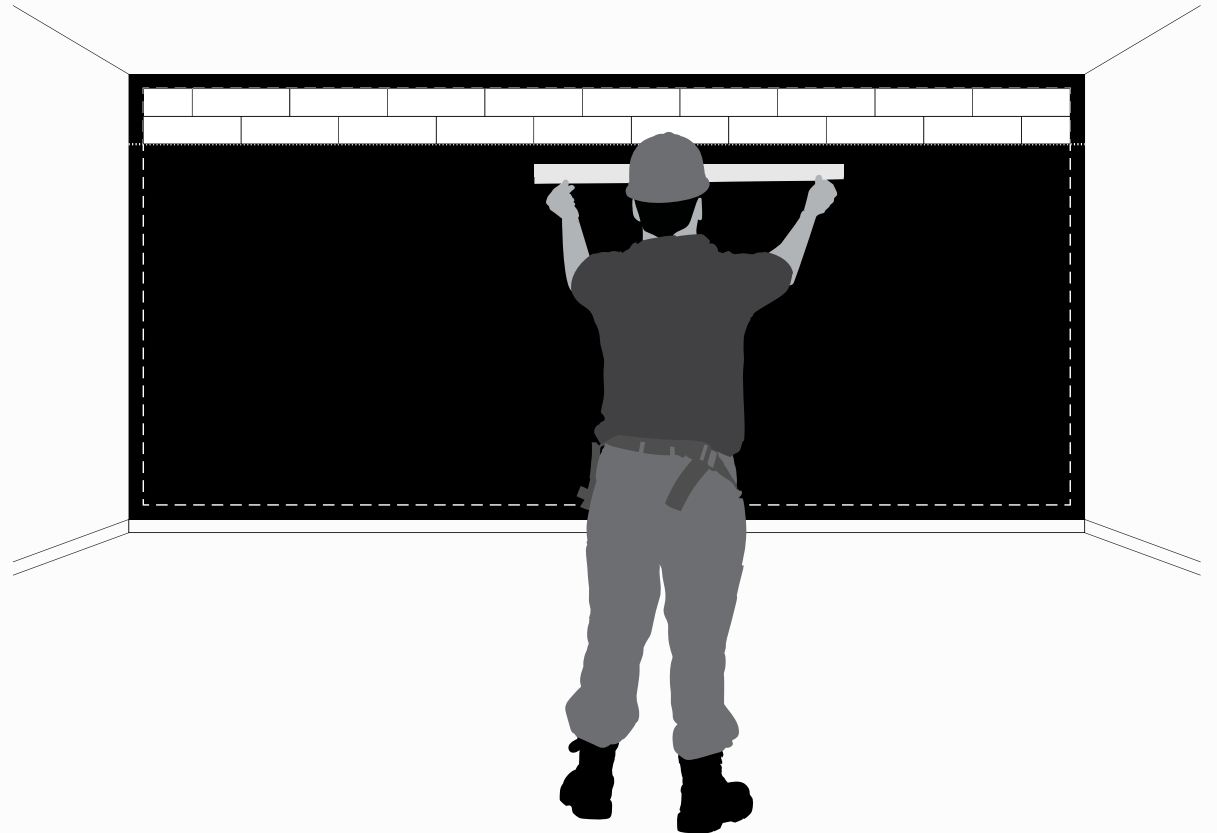
TOOLS: RUBBER Mallet



FASTENING

STEP 12

Make sure each tile and row is level.



TOOLS: LASER LEVEL OR LEVEL

FASTENING

STEP 13

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

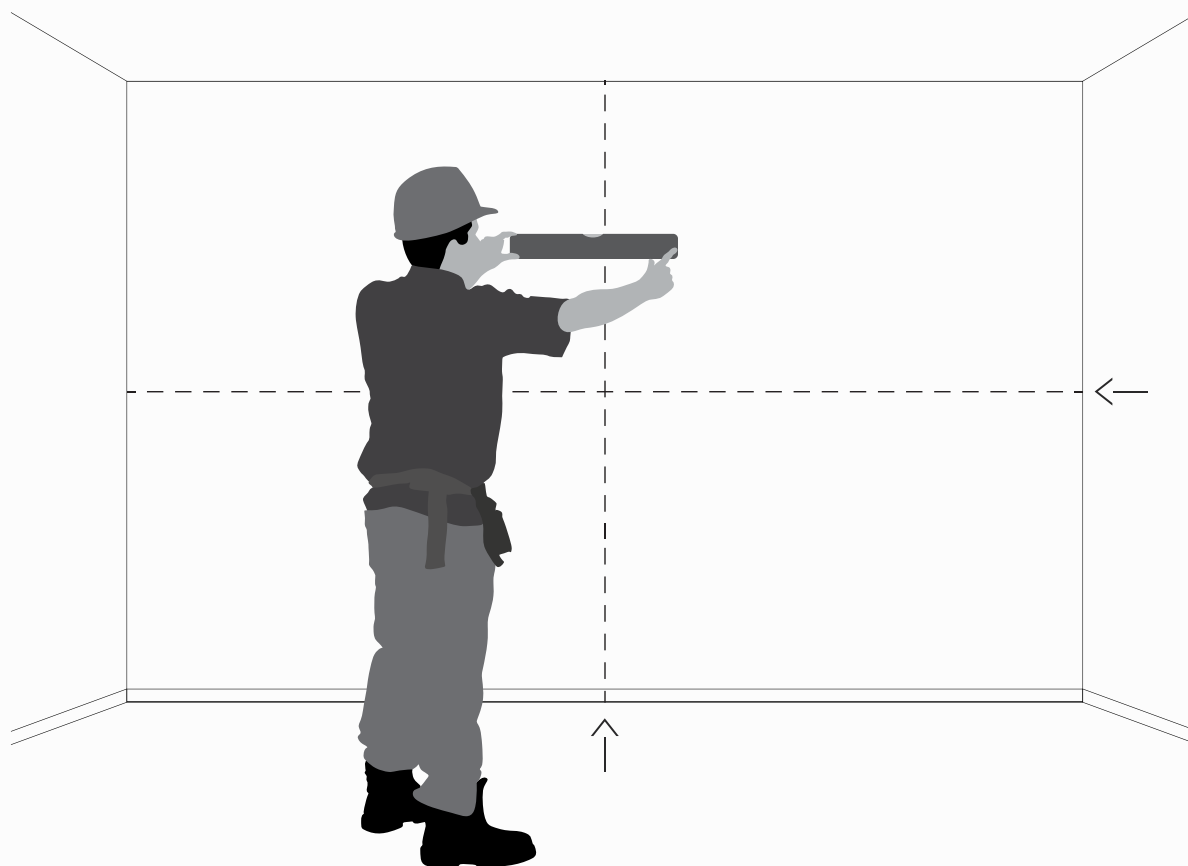
STEP 1

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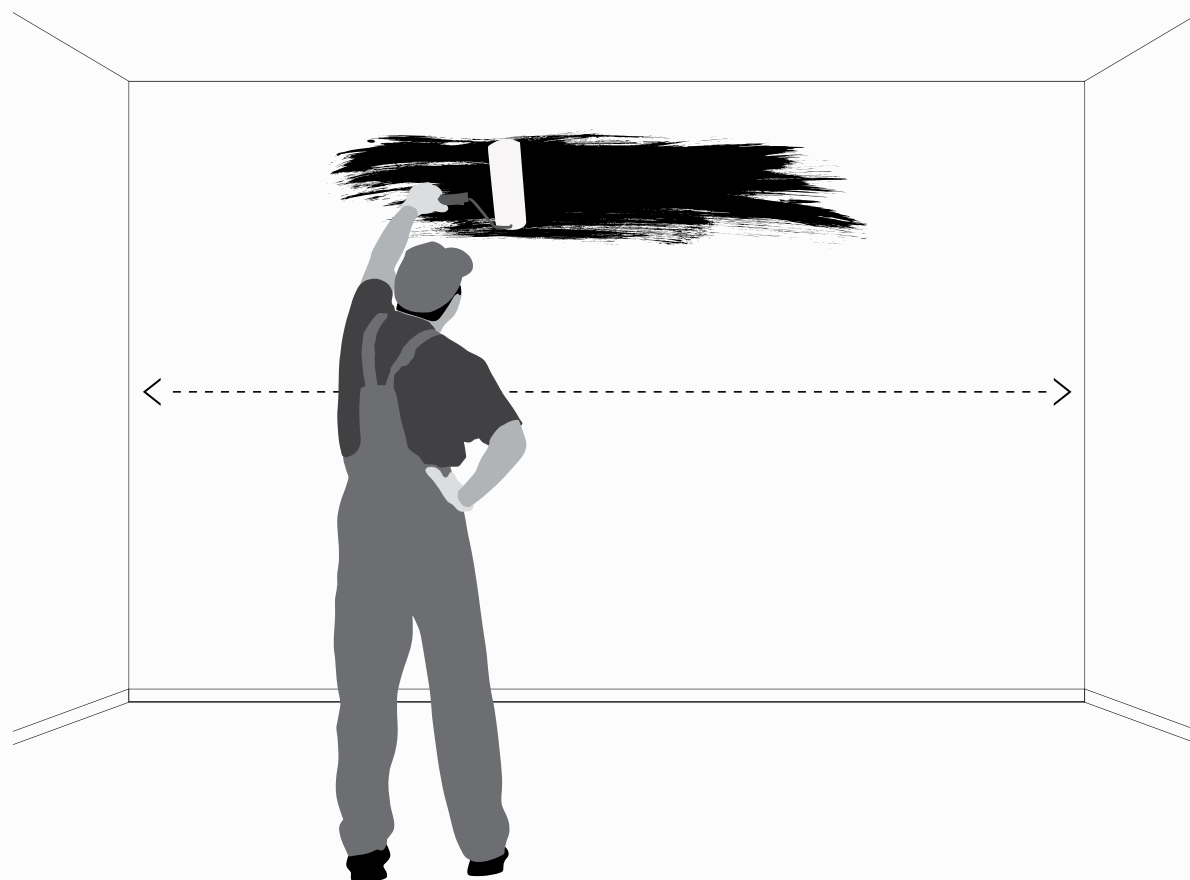
PREPARATION

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.

FLAT BLACK PAINT
PAINT TRAY
TOOLS: PROTECTIVE FLOOR COVER
PAINT BRUSH AND ROLLER
BLACK TAPE



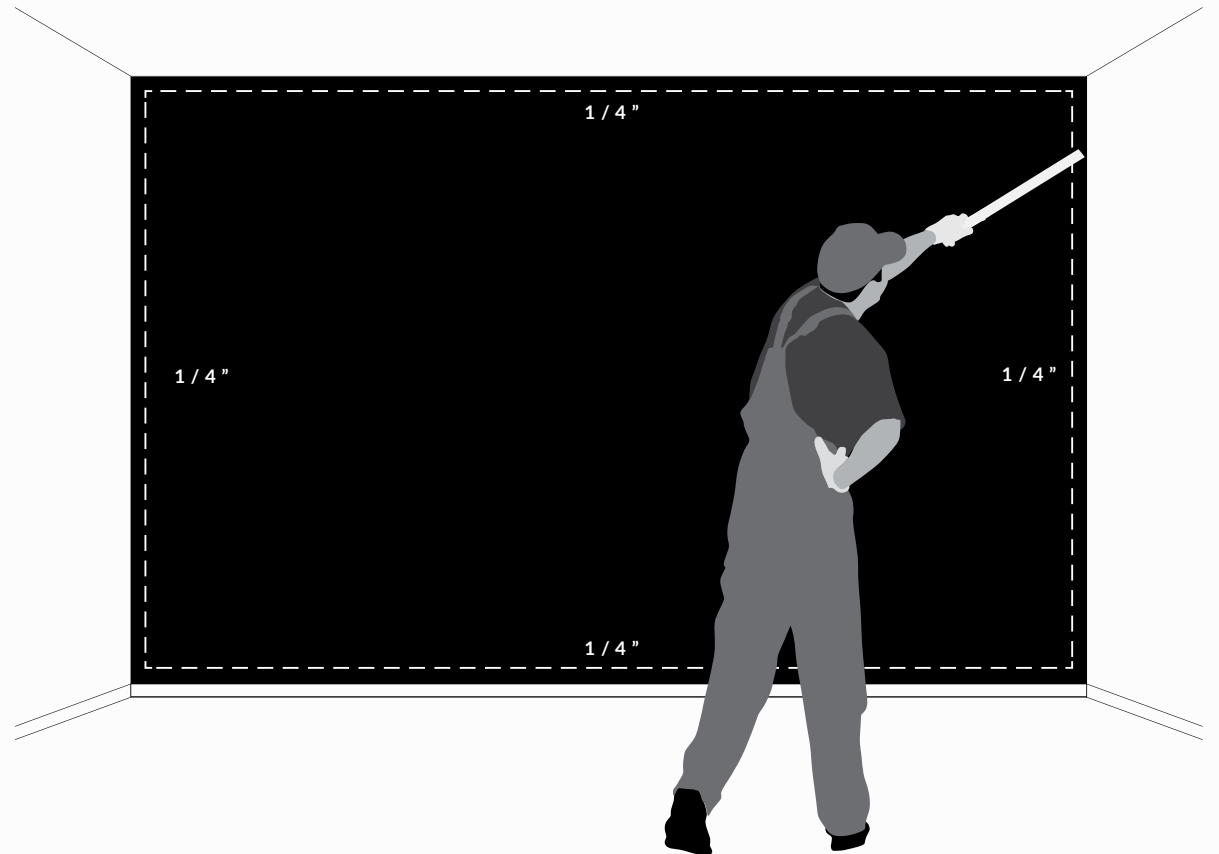
PREPARATION

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.

TOOLS: MEASURING TAPE
RULER



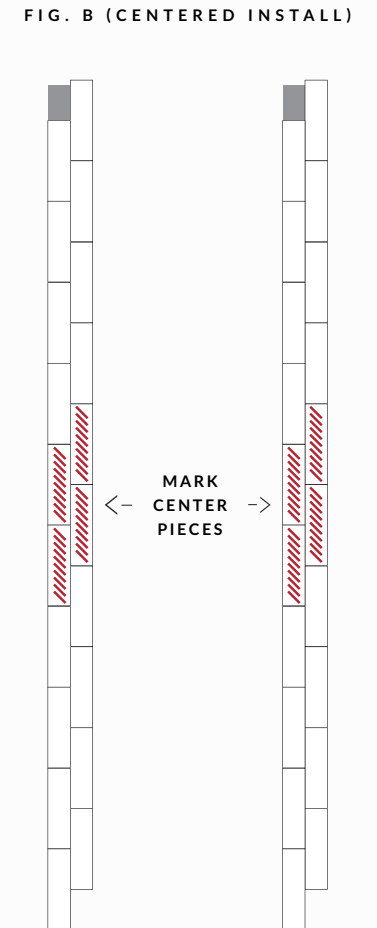
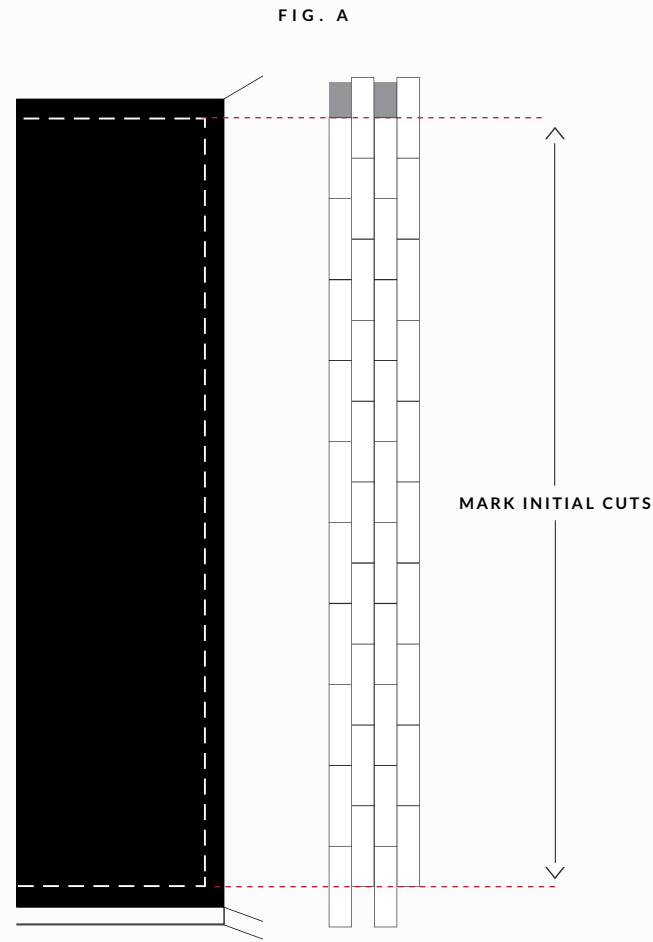
PREPARATION

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.

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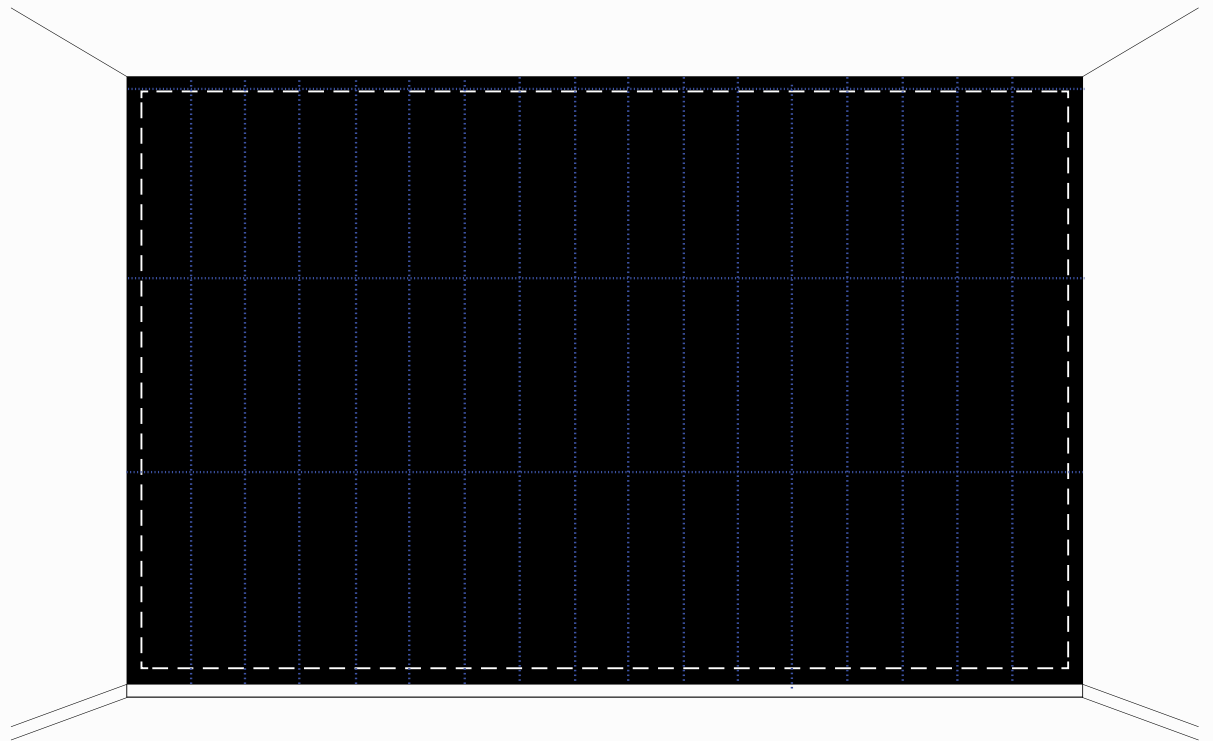


PREPARATION

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



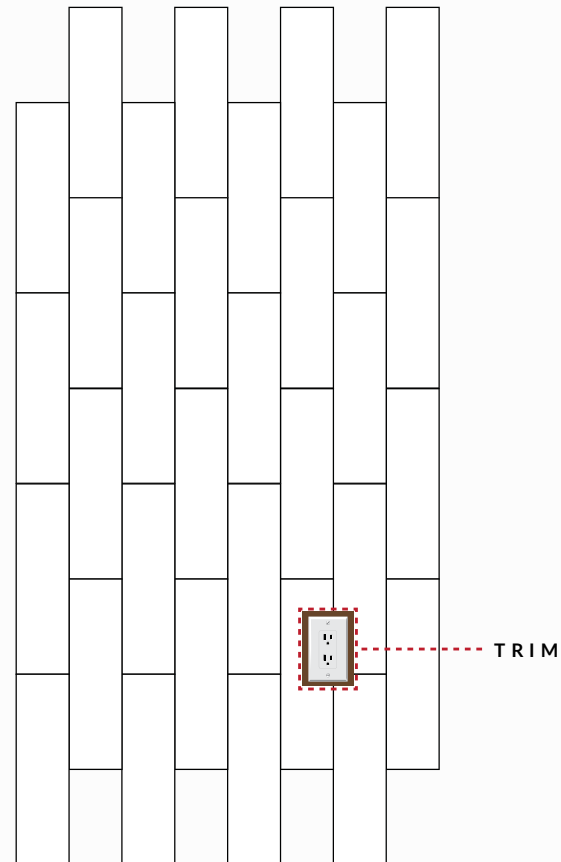
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RULER
TOOLS: JIGSAW AND DRILL
MITER SAW OR TABLE SAW

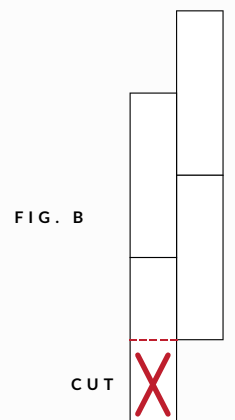
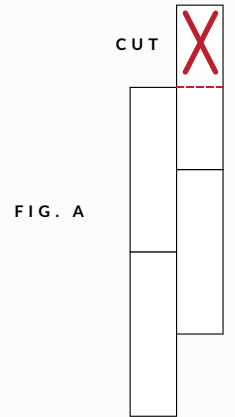
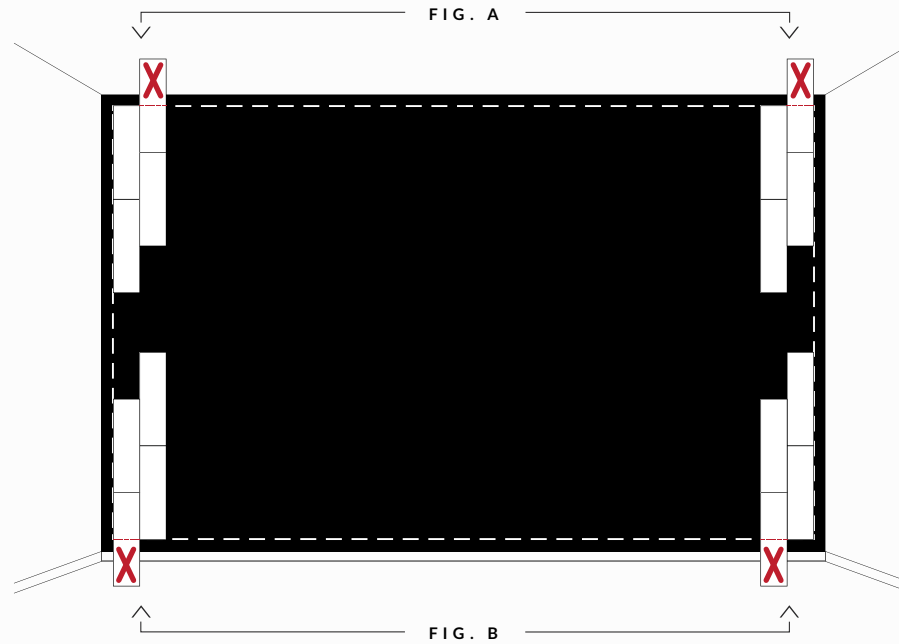


FASTENING

STEP 7

To install VERTICALLY, begin in any corner of the wall. Define and mark initial cuts.

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

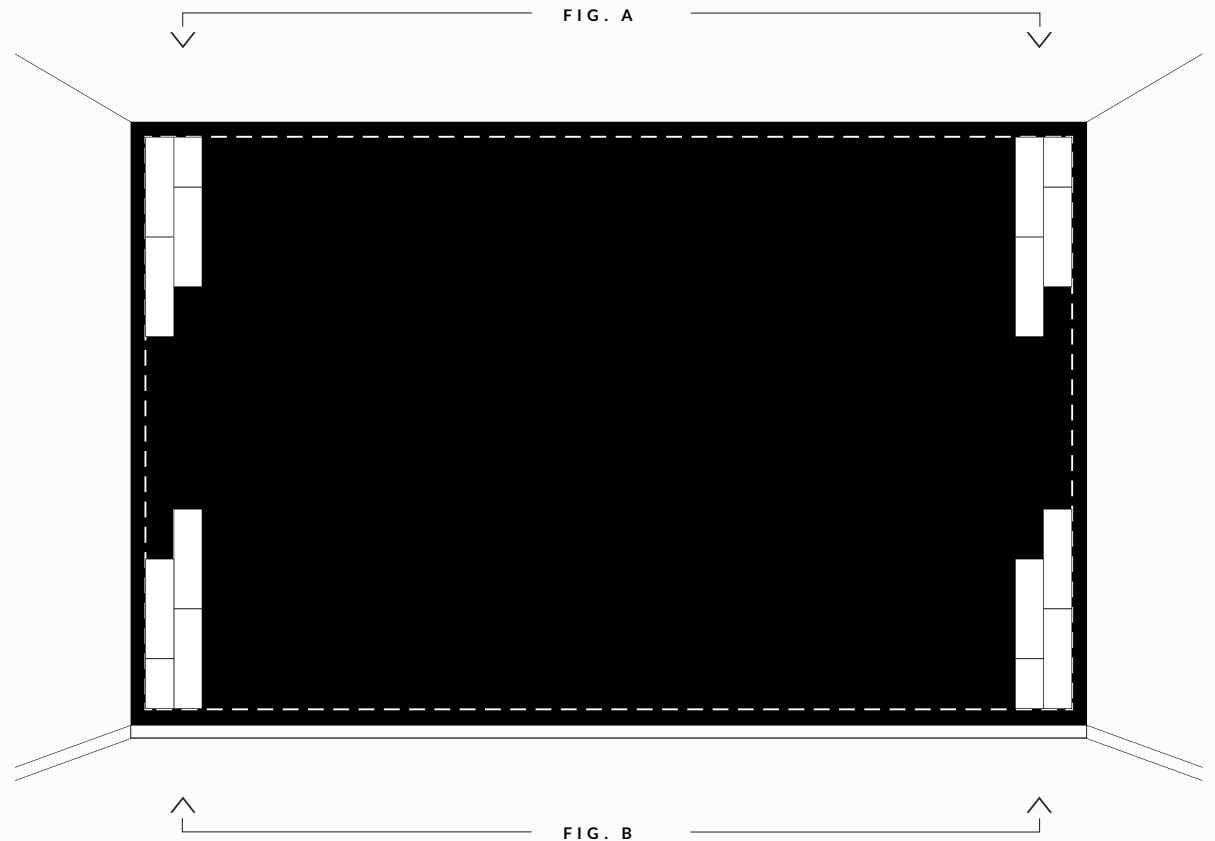


FASTENING

STEP 8

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

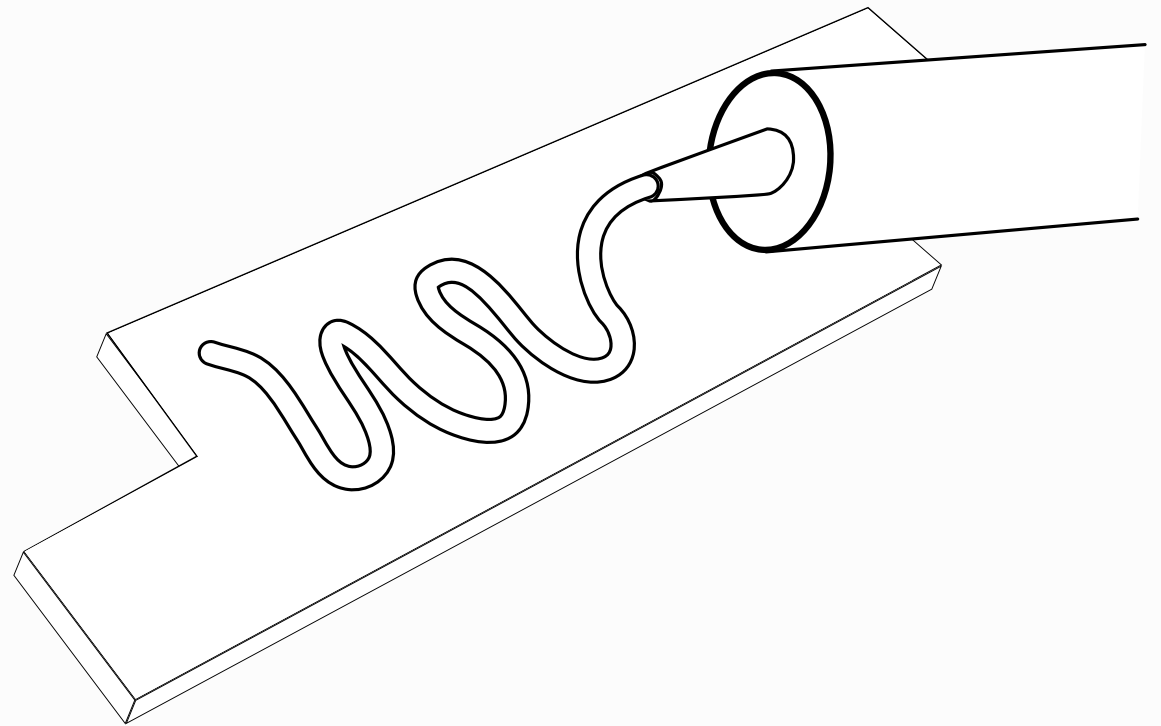
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FASTENING

STEP 9

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TOOLS: CONSTRUCTION ADHESIVE
APPLICATOR

FASTENING

STEP 10

Once level and aligned, apply pressure on the individual piece to fasten.

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

Do NOT nail through the veneer of the tile; the nails will be left visible and difficult to touch up.

TOOLS: 23 GAUGE NAIL GUN WITH NAILS

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

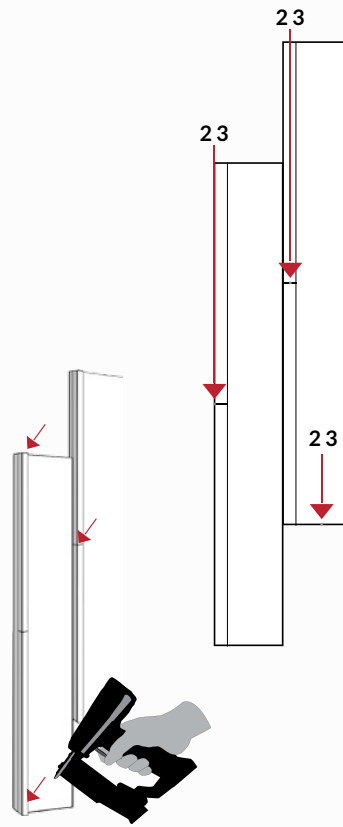


FIG. B
AT EYE LEVEL, USE #23 GAUGE
NAILS, NAILING INTO THE
EDGES OF EACH PANEL.

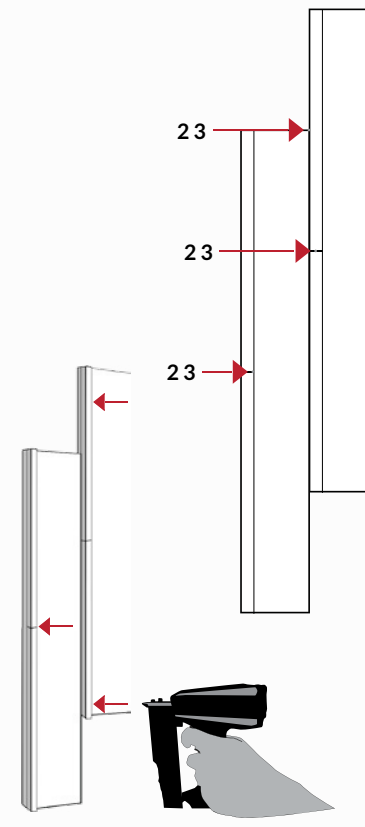
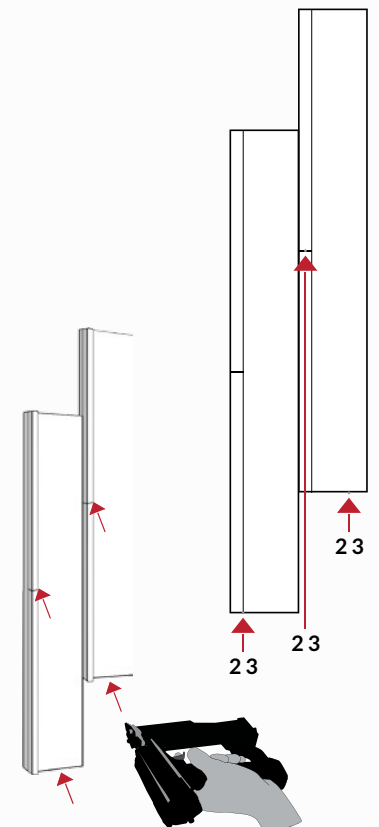


FIG. C
BELOW EYE LEVEL, USE #23 GAUGE
NAILS, NAILING AT AN UPWARD
ANGLE TO AVOID VISIBLE NAILS.



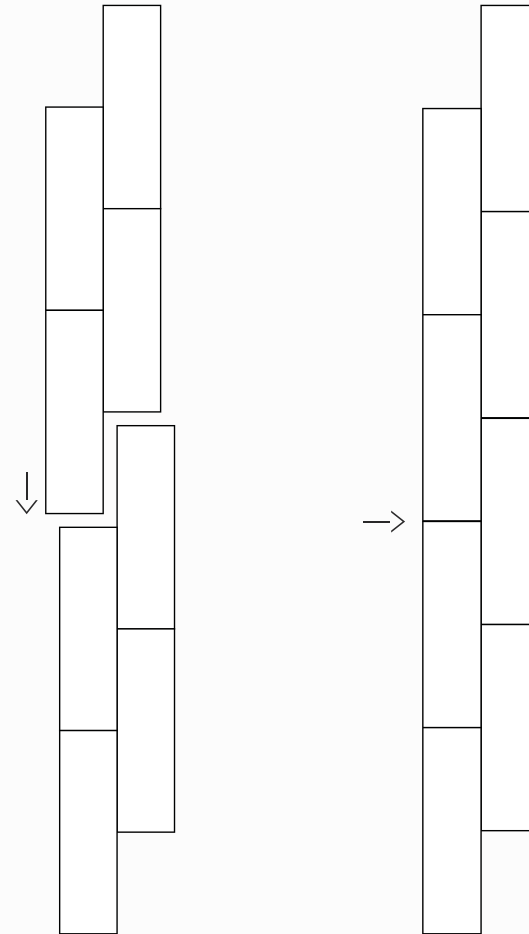
FASTENING

STEP 11

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.

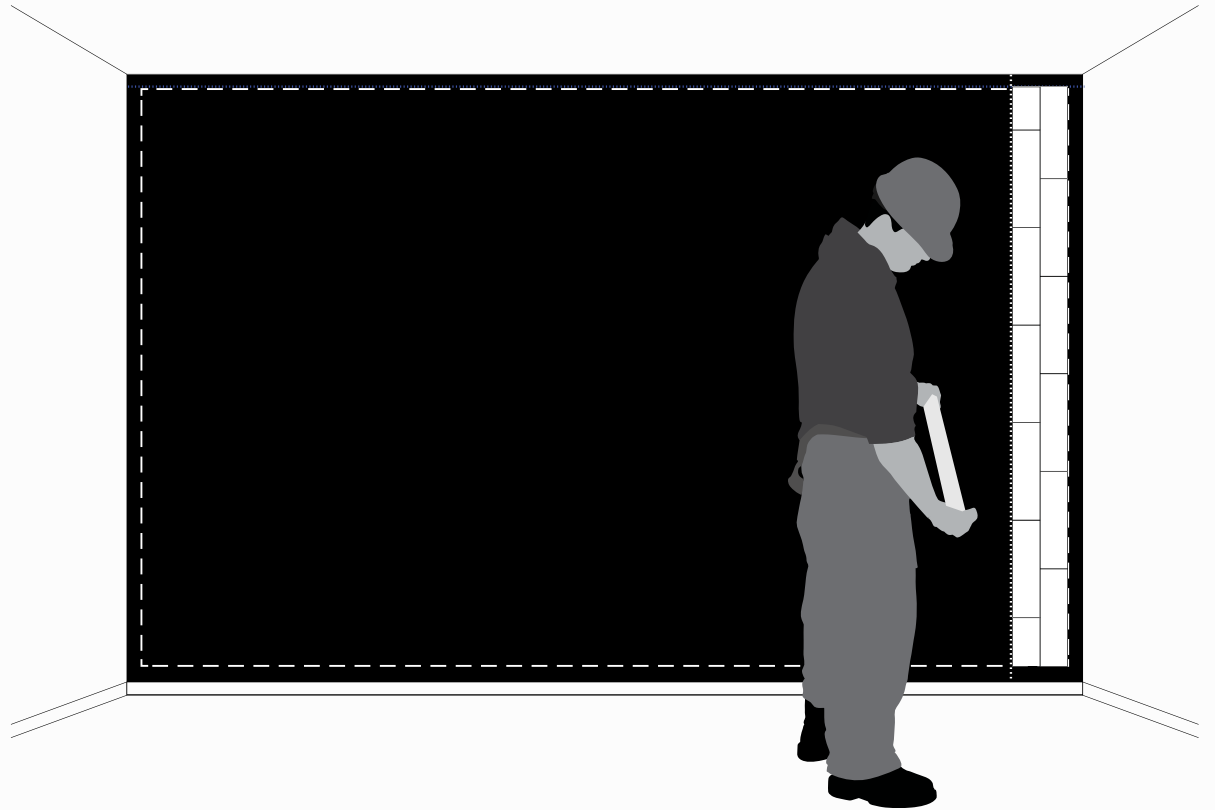
TOOLS: RUBBER MALLET



FASTENING

STEP 12

Make sure each tile and row is level.



TOOLS: LASER LEVEL OR LEVEL

FASTENING

STEP 13

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...

STEP 1

Mark your outlet distance and elevation on your test pattern and on the wall.

STEP 2

Mark your tile and drill 4 holes for each corner of the outlet.

STEP 3

Using a Jigsaw to cut a line from corner to corner.

STEP 4

Turn the piece around, trim and detail.

STEP 5

Test on wall before applying glue/nails.

FIREPLACES & HEATERS

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.

BATHROOMS

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.

MOULDINGS

For a truly finished look, DuChâteau recommends its exclusive mouldings for all our wall coverings. Please note DuChâteau Wall Covering tiles can be mitered on corners to accommodate mouldings. Be sure to cut the mouldings at the same length on each side to ensure the 3-D heights match. Visit website (www.duchateau.com) for more information.

CUSTOM MOULDINGS

DUCHÂTEAU CAN MANUFACTURE ANY CUSTOM TRIM YOU MAY NEED WITH THE SAME WOOD SPECIES AND FINISHES OF DUCHÂTEAU WALL COVERING TILES (OUTLET TRIM, WINDOW TRIM, CASING, BASEBOARD, CROWN, ETC.). PLEASE CONTACT US FOR A QUOTE AT 1.888.DUCHATEAU OR SALES@DUCHATEAU.COM.

RELATIVE HUMIDITY

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.

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