INTER BOIS

VARIABLE GEOMETRY

TOOLS REQUIRED

- Erasable pencil or masking tape
- Dispensing gun for glue
- 18 gauge finishing nails
- Finish nailer
- Measuring tape
- Level
- Miter saw
- Carpenter's triangle
- Putty
- Caulking

REQUIRED MATERIALS #1565 | SQUARE

- Thickness: 1-1/16"
- Width: 1-1/16"
- Length: 96"

ADDITIONAL INFORMATION

- Outdoor installation: No
- Specie: Jointed Pine
- When purchasing the material you need, it's usually safe to count on about 10% extra for waste.

RECOMMANDATIONS

It is strongly suggested to take the measurements of your wall before starting to adjust your plans and make the necessary calculations for the realization of the project. You can use this tutorial, print it and make it your personalized plan, according to your space to determine the quantity as well as the width of your geometric patterns.

TIP

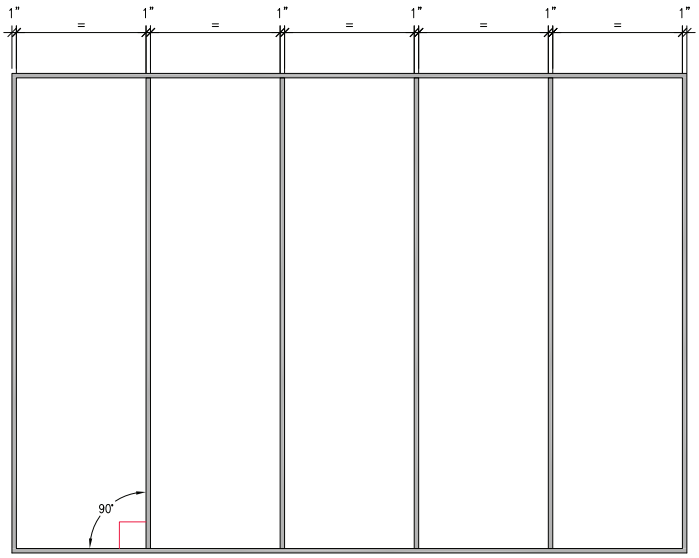
Trace with erasable pencil, or using masking tape, the location of the moldings directly on your wall. If the dimensions of the geometric patterns do not give the expected effect, adjust your plans. It is also better to paint the background of your wall with the desired color before you start creating the geometric wall. The moldings, once installed, can be painted to unify your project.

STEP 1
FRAME THE ROOM

Ⓐ Place a molding horizontally at the bottom of the wall or above your baseboard. Using a finish nailer, secure the molding while making sure you are leveled. If the molding does not cover the entire wall, measure the missing space and cut a second molding to completely cover the wall. Repeat at the top of the wall.

Ⓑ Measure the entire length of the wall and divide it into the number of sections you want in order to find out where the vertical molding will be placed. For example, for a 15-foot wall, there would be a molding every 3 feet, for 5 equal sections.

Ⓒ Measure the height between your two horizontal moldings to find out where the vertical moldings will be placed. Cut the pieces and fix the moldings with the finish nailer. Ensure that they are square and level with your horizontal moldings.



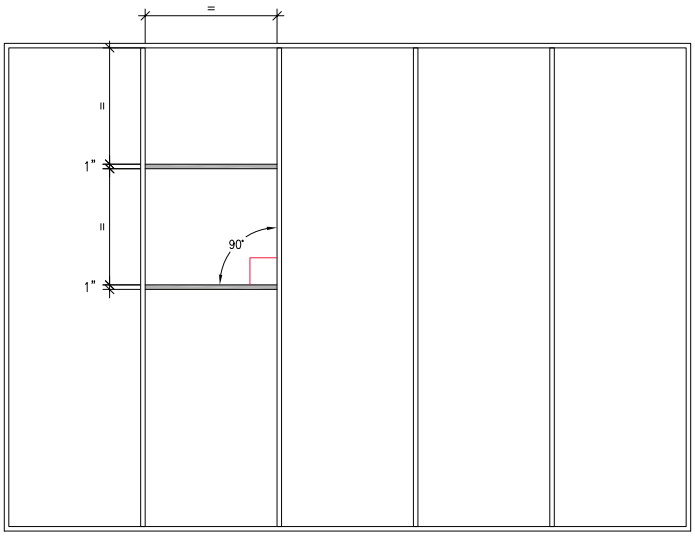
STEP 2
IN THE SECOND SECTION

Ⓐ Measure the height of the second section, then divide it in 2.

Ⓑ Divide the top section again, to create 2 identical rectangles.

Ⓒ Measure the width of the section, then cut the moldings so that they fit perfectly between the 2 vertical moldings.

Ⓓ Using a finish nailer, fix the moldings. Make sure hey are square and level with your vertical moldings.

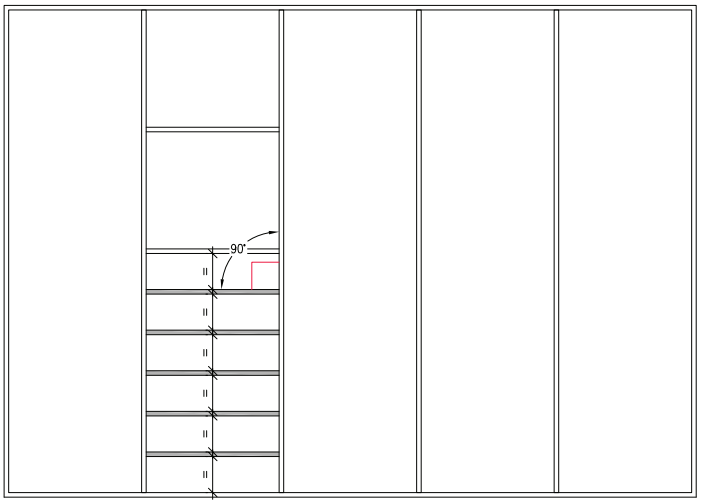


STEP 3
IN THE SECOND SECTION

Ⓐ Divide the second half of this section into several sections. In the example shown, we have subdivided this second half into 6 equal sections.

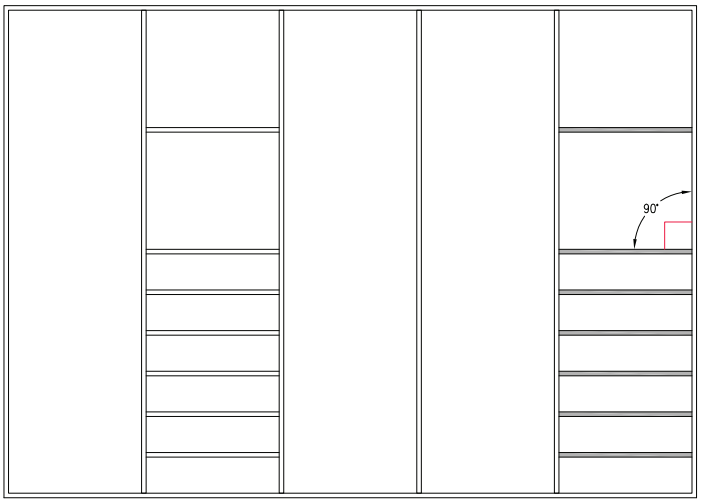
Ⓑ Measure the width of the section, then cut the moldings so that they fit perfectly between the 2 vertical moldings.

Ⓒ Using a finish nailer, fix the moldings. Make sure they are square and level with your vertical moldings.



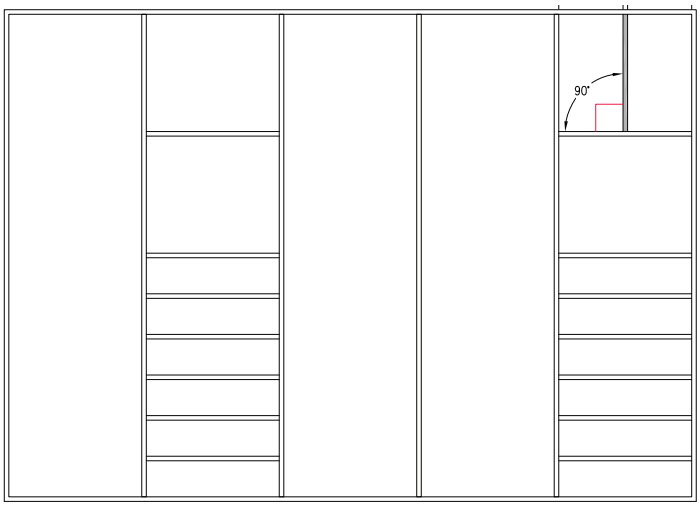
STEP 4
IN THE LAST SECTION

Ⓐ Repeat steps 2 and 3.



STEP 5
IN THE LAST SECTION

Ⓑ As shown on the plan, add a vertical crossbar in the center of the top section.



STEP 6
IN THE FIRST, THIRD AND FOURTH SECTION

Ⓐ Measure the length of the first molding that will be laid at an angle between the two vertical moldings and determine where the ends will require a 45 degree cut.

Ⓑ Using a miter saw, cut the ends of the molding at a 45 degree angle, then fix the molding to the wall. It is recommended to use a carpenter's triangle.

Ⓒ Choose the desired space between the moldings installed at an angle and make sure to leave an equal space between each molding, or sometimes even twice this space.

Ⓓ Using putty and a caulking, cover up imperfections. Let it dry, lightly sand and paint the moldings the same color as the back wall.