## BUILDING TUTORIAL

## INTER 3015



## TOOLS REQUIRED

- Erasable pencil or masking tape
- Finishing nails, 18 gauge
- Finishing nailer
- Tape measure
- Level
- Mitre saw
- Carpenter's square


## MATERIAL REQUIRED

1565 I SQUARE

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


## ADDITIONAL INFORMATION

- Exterior installation: No
- Type: Jointed pine
- When buying your material, allow about a $10 \%$ loss for cuts.


## RECOMMENDATIONS

It is strongly recommended that you take the measurements of your wall before beginning in order to adjust your plans and make the calculations necessary to complete your project. You can print this guide and make it your personalized plan, based on your space, so you can determine the quantity as well as the width of your geometric patterns.

## TIP

Use an erasable pencil/marker or masking tape to mark the location of the mouldings directly on your wall. If the dimensions of the geometric patterns do not provide the desired effect, adjust your plans. It is also recommended to paint the background of your wall in your desired colour before you begin to create the geometric patterns. Once the mouldings are installed, they can be painted to harmonize your project.


## INSTALLATION STEPS

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STEP 1:
FRAME THE WALL AND CREATE THE FIRST TRIANGULAR PATTERNS
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(A) Place a moulding horizontally at the bottom of the wall or above your baseboard. Using a finishing nailer, fasten the molding, making sure it is level. If the moulding does not extend to cover the entire wall, measure the missing space and cut a second piece of moulding of this length to finish the span of the entire wall. Repeat this at the top of the wall.
(B) Measure the height between your two horizontal mouldings to derive the height of the mouldings that will be placed vertically. Cut the pieces, then fasten the mouldings with the finishing nailer. Make sure you are square with your horizontal mouldings.
(C) Create a square at the top of your frame. To do this, use the measurement of your width to define your height. Separate this square into 3 equal triangles by finding the centre, as shown.
(D) Measure the length of the first moulding installed at an angle between a corner and the centre of the square defined in step 1C. Using a mitre saw, cut the ends of the moulding at a 45-degree angle, then attach the moulding to the wall. Make sure you are square. It is recommended to use a carpenter's square.
(E) Choose the desired space between the angled mouldings and make sure to
 leave equal space between each moulding.

## STEP 2: <br> UPPER TRIANGLE

(A) Divide the top triangle into equal sections. Using a mitre saw, cut the ends of the mouldings at a 45-degree angle, then fasten the moldings to the wall.


## STEP 3:

LEFT SECTION
(A) Determine the desired distance to create a parallelogram under the two horizontal triangles, as shown.
(B) Divide the new section with evenly-spaced perpendicular mouldings. Always make sure you are parallel and square.


## STEP 4: <br> RIGHT SECTION

(A) Fill in the remaining space with an arrowhead design, marking out a vertical line at the tip. This line will be the reference point for taking measurements of the mouldings.
(B) Using a mitre saw, cut each of the mouldings to the correct length and the ends at a 45-degree angle. Fasten the mouldings to the wall maintaining a 90-degree angle and equal distance between each moulding.
(C) Use wood filler and caulking to conceal any imperfections. Let
 dry, sand lightly and paint the moldings the same colour as the background wall.

