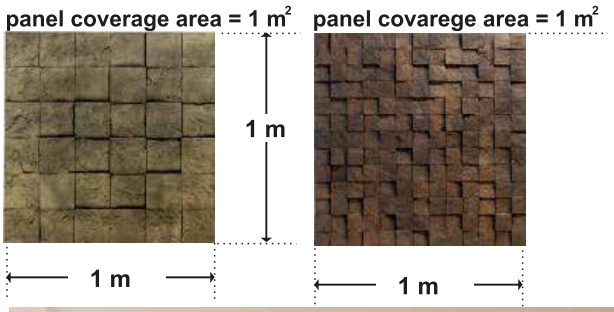
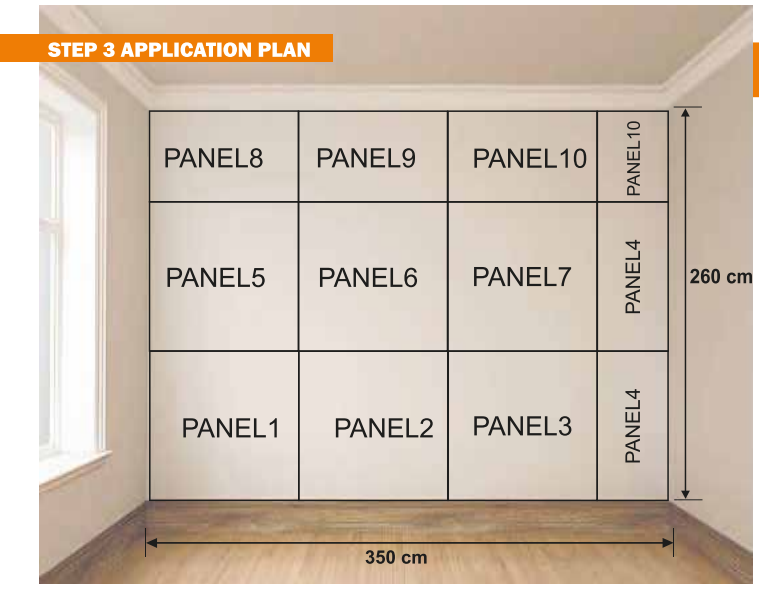
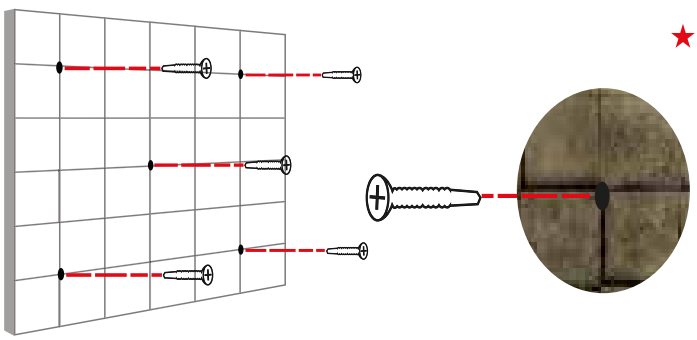
# ASSEMBLY

## INFORMATION FOR BIG SQUARE / SMALL SQUARE







## 1. PLANNING STAGE

**STEP 1 Measurement of application Area**
Area (A) = height (h) multiply by (x) width (w)
A = 2.60 m (meter) x 3.50 m (meter)
A = 9.10 $m^2$ (meter square)

**STEP 2 Calculation of the Materials Required (MR)**
Materials Required (MR) = Area divided by ( / ) Panel Coverage Area
(MR) = 9.10 m2 / 1 m2/panel)
(MR) = 9.1 panels
Full size panel is available in the market; order amount has to be 10 panels for this case.

**STEP 3 Do the application Plan**
Product dimensions are 100 cm X 100 cm and will cover 1 m2 area. Since the products are square, they should be laid in order from top to bottom or right to left.
Check the drawing. (Step 3 Application plan)

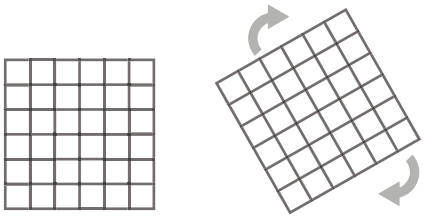
**STEP 4 Order of the goods**
If the application plan is good enough and no more panel is needed make an order depending on the calculation which is 10 panels.

## 2. APPLICATION STAGE

**STEP 5 Size the Products**
Products can be cut and sized by means of jigsaws and spiral grinding depending on information of the application plan Step 3.

**STEP 6 Assemble the products**
Panels should be assembled by using dowels and screws. Appropriate screws has to be used depending on application surfaces. Minimum 5 screws have to be used per meter square. If there is any gap between panel and the wall use more screws to make it even.

- ★ Leave 0,5 cm gap between next to each other panel and leave 0,5 cm gap between on top to each other.
- ★ Screws must be thrown over the deepest parts of the pattern in order to fixing the nearest places to the wall.
- ★ Because of the pattern each side has different thickness when you apply do not forget to turn right or left the product.( As you can see in the below drawing)



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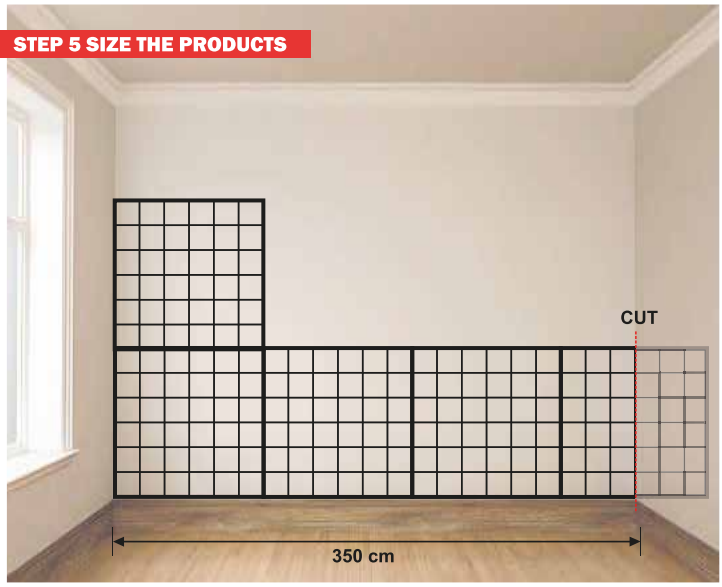



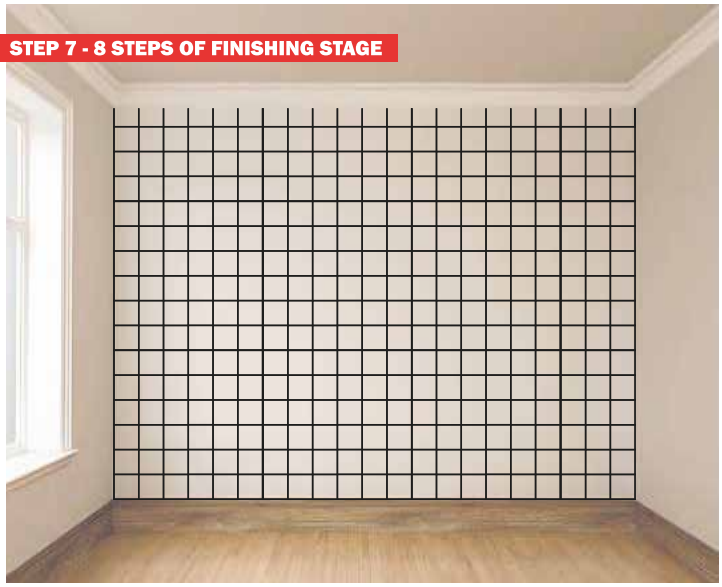


## 3. FINISHING STAGE

**STEP 7 Fill the gaps of panels / Shaping the filling areas depending on the panels pattern**

Mastic putty is used at the joints of the panels and to close the screw heads. Mastic is cement based water activated product. In the mixing bowl, use the ratio of 3/4 of cement powder and ratio of 1/4 of water to make mastic by using spatula until it becomes paste.

After the mastic paste is applied to the joints, the brush is used to give the desired shape to correct the paste before the paste is fully hardening.

To give perfect shape of pattern and joint, use your wet brush from right to left, from left to right or in the form of small touches.

**STEP 8 Painting the joint areas**

Wait for the mastic paste to fully harden after the correction process.
After the mastic hardens suitable paint for the joint is applied.

MATERIALS NEEDED