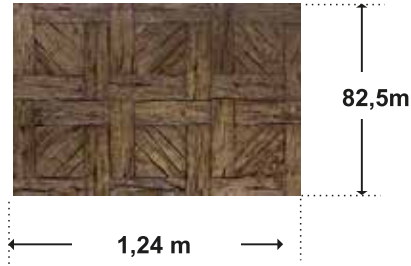


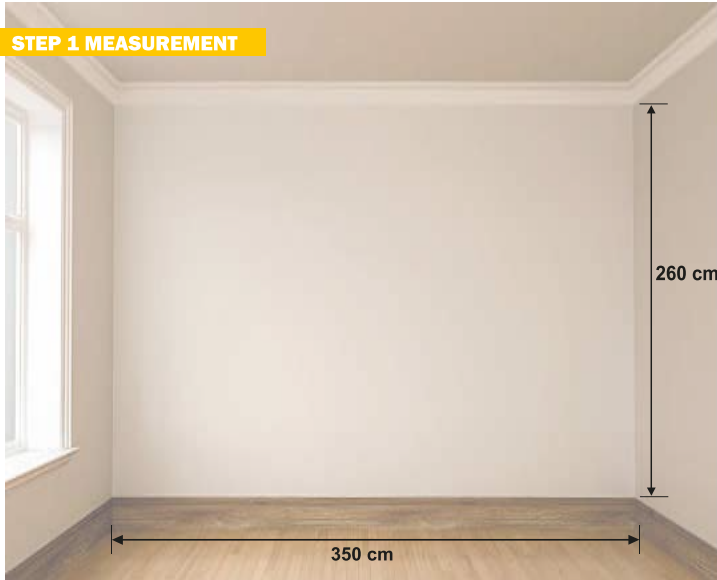


ASSEMBLY INFORMATION FOR CASTLE GATE

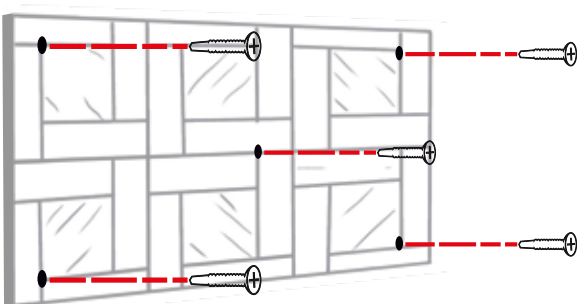
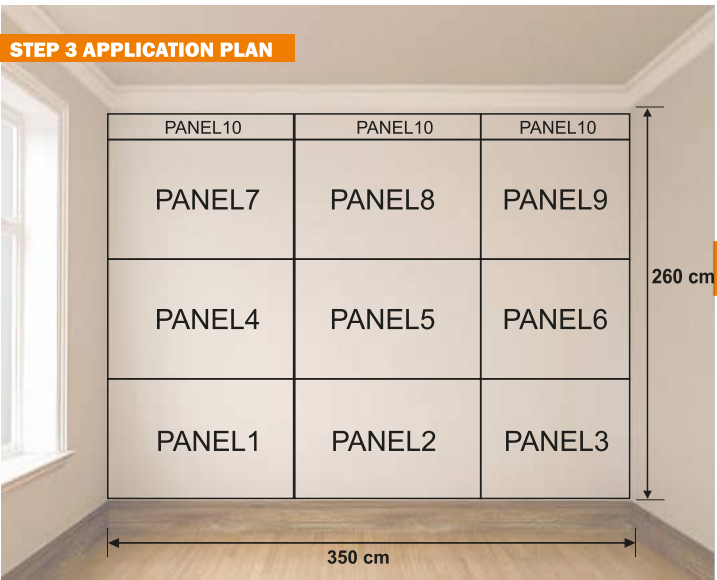
panel coverage area = 1 m²



STEP 1 MEASUREMENT



STEP 3 APPLICATION PLAN



1. PLANNING STAGE

STEP 1 Measurement of application Area

Area (A) = height (h) multiply by (x) width (w)

$$A = 2.60 \text{ m (meter)} \times 3.50 \text{ m (meter)}$$

$$A = 9.10 \text{ m}^2 \text{ (meter square)}$$

STEP 2 Calculation of the Materials Required (MR)

Materials Required (MR) = Area divided by (/) Panel Coverage Area

$$(\text{MR}) = 9.10 \text{ m}^2 / 1 \text{ m}^2/\text{panel}$$

$$(\text{MR}) = 9,1 \text{ panels}$$

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 82.5 cm X 124 cm and will cover 1 m² area. Since the products are rectangle shape, they should be laid in order from top to bottom or right to left. This product could be assembled vertically or horizontally. When making the horizontal or vertical application panels could be applied both on the top of each other. When you start applying from bottom or top level of the wall, next panels have to be cut in to 1/3 and apply like that. So the application lines will not follow each other. 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 have 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.

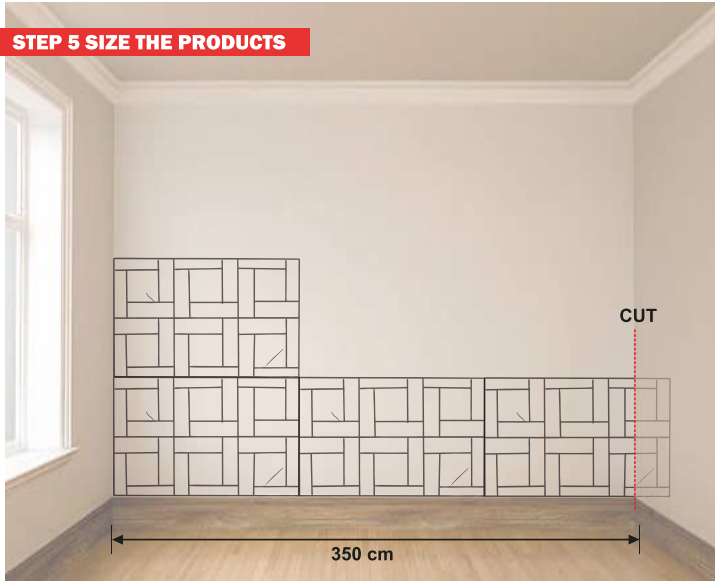
★ Leave 0,5 cm gap between next to each other panel and leave 0,5 cm gap between on top to each other panel.

★ Screws must be thrown over deepest part of the panel.



ASSEMBLY INFORMATION FOR CASTLE GATE

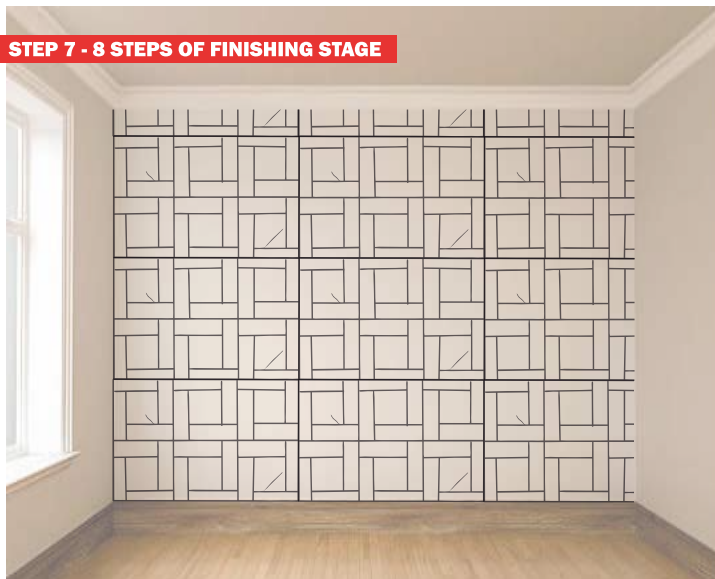
STEP 5 SIZE THE PRODUCTS



STEP 6 ASSEMBLE THE PRODUCTS



STEP 7 - 8 STEPS OF FINISHING STAGE



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 and patterns, the brush is used to give the desired shape to correct the paste before the paste is fully hardening.

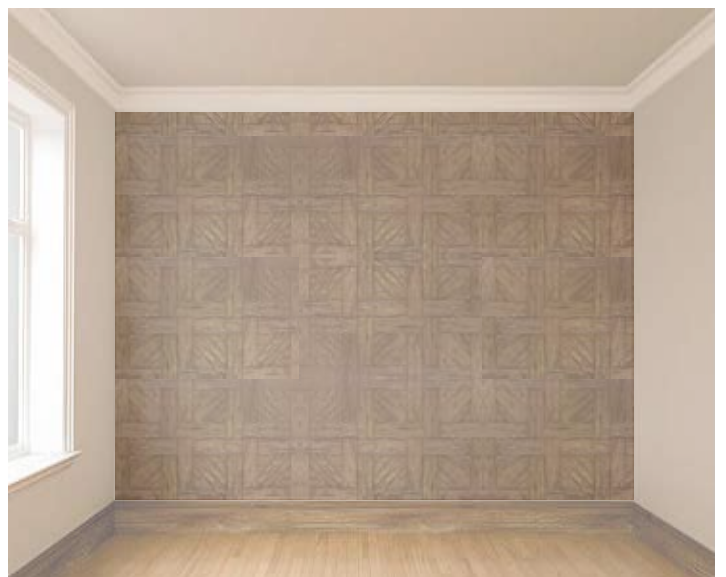
To give perfect shape of pattern and joint, use your wet brush from right to left, from left to right or in the form of small touches.

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 and pattern is applied.

While painting, paint just the mastic paste area or paint the panel completely.



MATERIALS NEEDED

