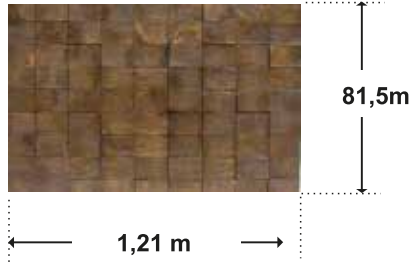




ASSEMBLY INFORMATION FOR KNOTTY SMALL

KNOTTY BIG / CYLINDER (these series are applied in a similar way)

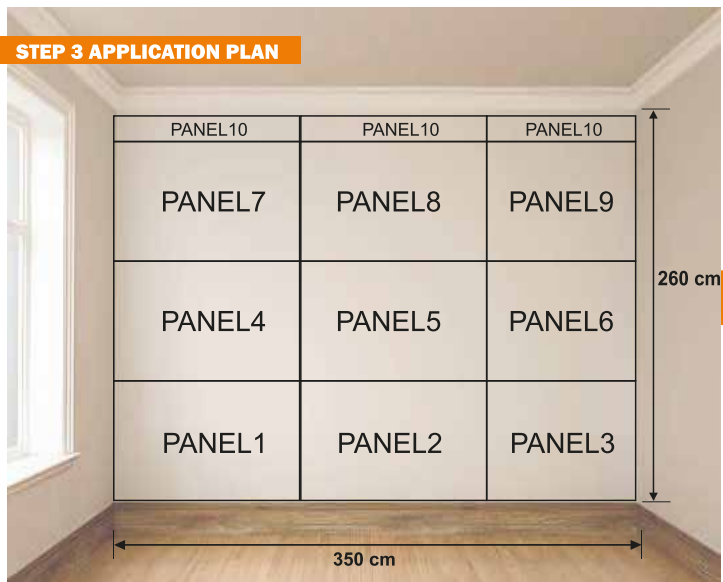
panel coverage area = 0,98 m²



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

$$(MR) = 9.10 \text{ m}^2 / 0.98 \text{ m}^2/\text{panel}$$

$$(MR) = 9.28 \text{ panels}$$

Full size panel is available in the market; order amount has to be 10 panels for this case.

STEP 3 Do the application Plan

Products dimensions are 81.5cm X 121cm, 81.5cm X 247cm, and 81cm X 124cm and will cover 0,98 m², 2 m² and 1 m² respectively. 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 horizontally or vertically. When making the horizontal or vertical application products can be applied by zigzagging and you can apply the panels on the top of each other. When you start applying from bottom or top level of the wall, next panels have to be cut into half 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

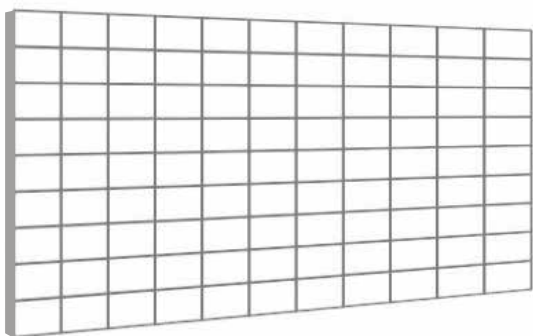
Panels should be assembled by using dowels and screws but the best way is using adhesive on the back of the panel by gluing. Appropriate screws have to be used depending on application surfaces. Minimum 5 screws have to be used per meter square. If there is any gap between panel and the wall use more 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. For the indoor application no need to leave any space and

★ mastic application.

Screws must be thrown over the deepest parts of the pattern in order to fixing the nearest places to the wall.



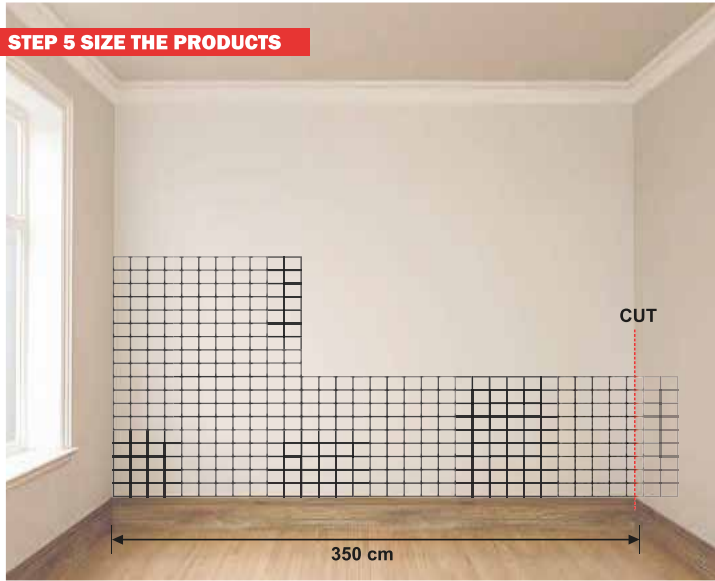


ASSEMBLY

INFORMATION FOR KNOTTY SMALL

KNOTTY BIG / CYLINDER (these series are applied in a similar way)

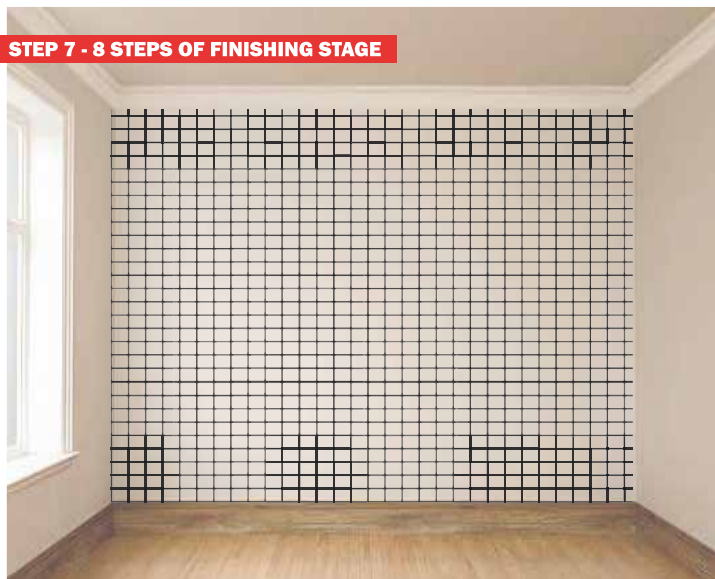
STEP 5 SIZE THE PRODUCTS



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, 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.

There is no need to do any mastic application after bonding. Joints can be filled with silicone, polyurethane, acrylic or cement based joint fillers. Joints can also be filled in the same way as the ceramic joints or if requested released as it is. We recommend you to leave it as it is.

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 can



MATERIALS NEEDED



JIGSAWS TOLL



DRILL



HAMMER



SPATULA



SPIRAL GRINDING TOOL



SCREW & DOWEL



BRUSH



MIXING BOWL



GLOVE



METER



STRONG ADHESIVE