

# EXTERIOR CLADDING FIXING METHOD

The lap Sliding Fixing Method has the advantage of being a very attractive system of panel fixing. With pre-fabricated Samrat Exterior Cladding panels for the lap slidings. It is easy to design robust and modern facades. Besides the regular advantages of Samrat Exterior Cladding panels, these panels are easy.

## Mounting Instructions

### 1. Preparing the substructure

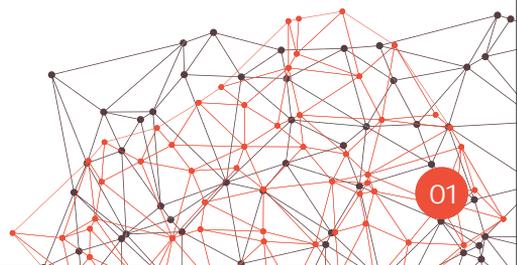
Samrat Exterior lap sliding panels are installed using mounting clips fixed to a sub-structure of vertical wooden slats.

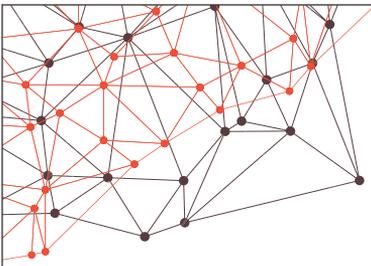
each slat must be at least 50 mm wide where two panels join to allow enough space for two mounting clips side by side. The gap between each slat should not exceed 500 mm as applicable to low building of up to 8mm height.

The panels are installed starting from the bottom. First of all, fit a horizontal base bar. Now fit the first row of mounting clips so they rest on the bar. Make sure you fit 2 mounting clips at each vertical joint between panels.

### 2. Installing the first row of panels

Place the groove along the lower edge of the Samrat Exterior lap sliding panels into the mounting clips. Secure the panels in place by fixing mounting clips along the lap edge of each panel. The panel above overlaps the first row of panels by approximately 25 mm. Fit a screw next to the lap middle mounting clip on each panel. This is designed to stop the sideways shifting of panels





### 3. Vertical joints

A slot for Fixing the mounting clips must be located at each vertical joint. Two mounting clips, one either side of the joint, are needed to provide the necessary hold. Please use proper backing strips to seal the vertical Joint between cladding panels. If the siding elements are arranged so the vertical Joints are offset then it is sufficient to install the panels plus backing strip using of single mounting clip. If the vertical joints are in a line then two mounting clips need to be used. There must be a gap of at least 8 mm between the panels at the joint.

### 4. Outside corners/Inside corners with mitre

Samrat Exterior lap sliding panels can be mitred for both outside and inside corners. Outside corners: The lap edge of the panel must be 12 mm shorter than the lower edge of the panel (regardless of the panel width). Inside corners: The lower edge of the panel must be 12 mm shorter than the top edge of the panel (regardless of the panel width).

The mitred edges must have a chamfer. The sub structure needs to be protected with a plastic sheet to prevent water entering. Elements can be installed on both outside and inside corners using a variety of shapes of corner profile. In this case the panels are cut to size without a mitre. Please make sure there is a gap of at least 5 mm between each panel and the corner profile.

### 5. Installing the top row of panels

Secure the top row of panels by fitting screws along the top edge of each panels. Use screws with painted heads to match the color of the panels, as used for the installation of full-sized Samrat exterior Cladding panels.