

# Method Statement

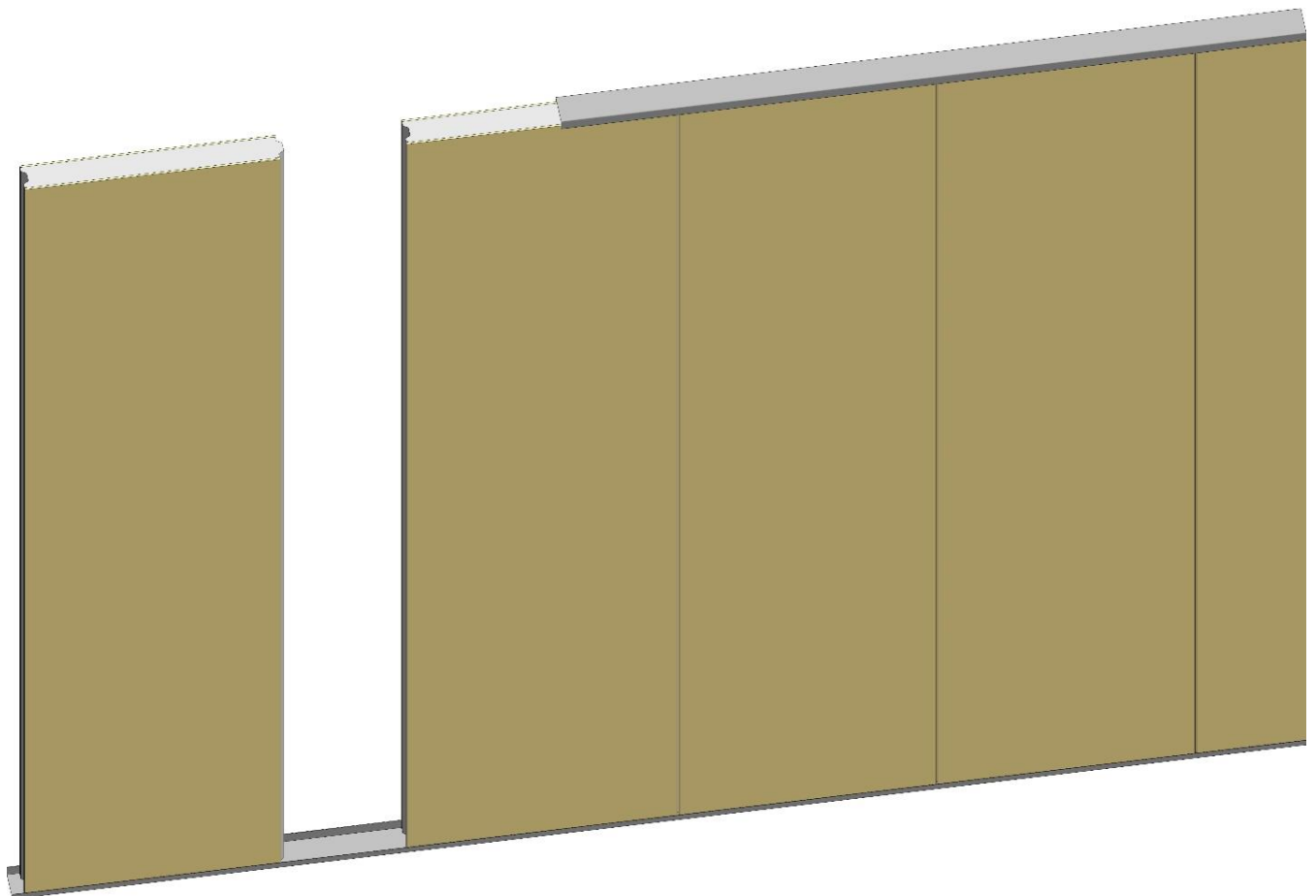
## **Purpose and Scope**

The Method statement describes the working procedure for Assembling of Everest Rapicon Panel and other related activities. This will include for the preparation for Frames, Fixing of Panels, Jointing and Finishing. The purpose of this Method Statement for Rapicon Panel is to outline and describe in detail the procedure, material and tools required to undertake the work or activity in a safe and controlled manner. Purpose of the method statement is to follow best construction methods to provide best quality of work.

## **Description of Work**

The work involves the Installation of Everest Rapicon Panel as per the specification.

## **Application Drawing:**



## **Material and Tools required**

### **Material List:**

1. Everest Rapicon Panel
2. Everest Top and Bottom Track
3. Sodium Silicate and Cement Paste
4. Fibre Mesh Tape
5. Everest Jointing Compound
6. Anchor Fasteners
7. Fire Cum Acoustic Sealant (for Fire Walls)

### **Tools and Machinery List:**

1. Measuring tape
2. Drilling Machine
3. Hammer drill machine
4. Circular Saw
5. Grinding Machine
6. Metal channel cutter
7. Spirit level & Plumb bob
8. Hammer & Screw driver Set
9. Sealant Gun
10. Right angle
11. Putty Knife
12. Plier

## **Preparation**

1. Prior to work commencement, final approved (GFC – good for construction) drawing in coordination with Site Engineer need to be considered for Installation.
2. Erect scaffolding and access platform in accordance to safety procedures
3. Delivered materials should be verified by the QA/QC Engineer prior to installation
4. Store materials in dry area out of direct sun light and as directed by the material manufacturer.
5. Safety protocol to be followed during Installation.

## **Material Storage and Handling Guidelines**

1. Place the support frame 2000mm away from each other. Position the husk bags on the base of the support frame.
2. Lift and carry the Modules vertically.
3. Position the first Module with proper alignment and let it rest on the back support.
4. Always keep the tongue side of the module on the top side.
5. Position the modules one after another. Ensure that spacers are used after every module.
6. After the stack is built, always cover the modules with plastic/tarpaulin sheets when kept in open.

## Installation Procedure

Step 1 – Mark the layout of the Partition wall on the floor. Floor and soffit should be in level, dry and should be cleaned before installation.

Step 2 – Floor track and then Ceiling track in plumb with floor track, are fixed along the marking lines with the help of anchor fastener at spacing of 600mm maximum.

Step 3 – Height of the Everest Rapicon Panel should be approx. 18mm less than the gap between the floor and ceiling. Wherever the height of the wall is more than 3m, panel need to be fixed in staggered pattern.

Step 4 – Insert the Module by lifting and tilting it into ceiling channel first, and then position the same by pushing from smaller size edge of the floor channel. Position the module and push towards wall.

Step 5 – Check the right angle of the panel (using Set Square) and adjust by inserting wooden packing/wedge in between floor channel and Module to ensure right angle and to Jam the panel in position.

Step 6 - Apply sodium silicate and fly-ash paste on entire length of tongue and groove for proper joining and Slide Everest Solid Wall Panels one after the other in to the floor and ceiling channels and fix together by same method. Ensure that sodium silicate and fly-ash is applied in every joint of Everest Solid Wall Panel.

Step 7 - For interior, the beveled edges of the board in Rapicon Panel are to be jointed and finished so as to achieve flush finish, which includes Jointing Compound & Fibre mesh tape as per the recommended practices. On exterior surface square edge groove needs to be filled with Exterior grade jointing compound/ sealant.

Step 8 - For Fire rated wall, the periphery of wall and openings are to be sealed with fire resistant sealant.

Step 9 - Around opening of doors and A/C Ducts should be taken into consideration for extra structural steel tubular sections.

Step 10 – All openings and cutouts for service line in partition wall to be done during installation before jointing and finishing.