

# Method Statement

## **Purpose and Scope**

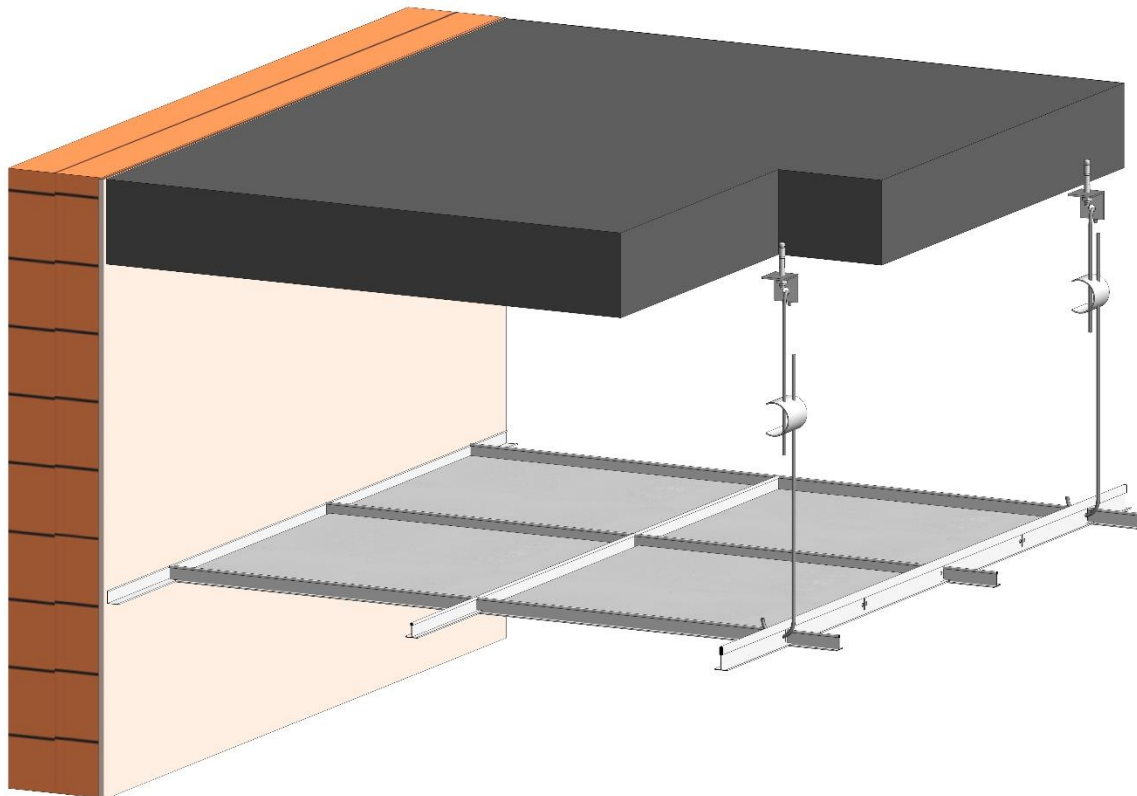
The Method statement describes the working procedure for Assembling of Everest Ceiling Grid System and other related activities. This will include for the preparation for Grid, Bracing, placing of Everest Board on Grid. The purpose of this Method Statement for Ceiling Grid System is to outline and describe 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 False Ceiling in Exposed Grid G.I. Framework (T-2430) with Everest Ceiling Tile as per the specification.

## **Application**

**Drawing:**



## **Material and Tools required**

### **Material List:**

1. Everest Main Runner
2. Everest Cross Tee 2 feet and 4 feet
3. Everest Wall Angle
4. Everest Fibre Cement Board 4mm
5. GI Bar Hanger
6. Nylon Sleeve with Steel Screw
7. Soffit Cleat
8. Rawl Plug/ Anchor fasteners

### **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. Right angle
10. 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. Board should not be dragged over each other to avoid scratches specifically for the designer board / finished product.
2. Board should be stacked flat, fully protected and covered during storage at sites.
3. Avoid dirt settling on the textured surface while cutting, sawing and screwing
4. Designer Board should be handled with gloves to avoid spoiling of the primer or apply French chalk on hands to avoid dirt/patch marks while handling.

## Installation Procedure

Step 1: Mark the position of False Ceiling on the wall. Wall should be in level, dry at location of Wall angle and should be cleaned prior to installation.

Step 2: Install the 'L' shaped wall angle profile, along the periphery of the wall at the desired ceiling height, using PVC dash fasteners (sleeves) with fully threaded steel screws placed @ 600 mm c/c. Use water level for proper leveling and alignment.

Step 2: Suspend G.I. main runners bulb 'T' section from the soffit/ purlins with G.I wire hanger spaced at maximum distance of 1200 mm centre to centre, such that the level of the grid is adjusted with the adjustment butterfly clip.

Step 3: Place in position 1200 mm long Cross 'T' grid profile bulb 'T' section @ 600 mm centre to centre, using the snap and bayonet fixing mechanism to secure with main runner, and in direction perpendicular to it. A grid of 1200 x 600 mm is there by achieved.

Step 4: To provide the grid size of 600 x 600 mm install a 600 mm Cross 'T' profile in between 1200 mm long Cross 'T'.

Step 5: Everest Designer ceiling tile of size 595 x 595 mm for grid module size of 600 x 600 mm shall be placed over the grid.

Step 6: For mounting of fitting and fixtures onto the ceiling such as light fittings, AC grills, diffusers etc., suspend them independently from the ceiling soffit with metal chains/wires.

Step 7: Ensure that service lines are installed and the ceiling tiles are cut as per the fixture requirement before installing the board in place.