



Method Statement for T-Grid Ceiling Works

1.0 Objective

To outline the work instruction by which ceiling works is carried out.

2.0 Scope

This work instruction shall apply to all ceiling work on building.

3.0 References

Inspection and Test Plan

Inspection Form

Specification

Construction Drawing

Material Submission – Approved sample and Technical Data

4.0 Responsibilities

Engineer, Project and/or Site Supervisor

5.0 Material

Ceiling board, hanger rod / pre-stressed wire, main and cross tees, perimeter angle

6.0 Handling and Storage of Materials

Handling : Ensure ceiling board is not bent and deformed. Always wrap them to avoid moisture from atmosphere.



Storage : Deliver the product to protected area and stack the board flat and dry surface.

7.0 Plant, Machinery and Equipment

Ramset Concrete nailer, Ramset Ceiling gun, Basic hand tools, laser, hand glove

8.0 Work Methodology

8.1 Leveling

8.1.1 Level the ceiling height by use of water level or laser beam position of perimeter profiles is to be marked on walls, column etc, usually the perimeter angle should be placed the level with underside of ceiling tiles.

8.2 Perimeter

8.2.1 Wall angle or shadow line molding should be fixed at maximum 600mm centre use screw, stub nail or drywall fasteners depending on type of wall.

8.3 Division of ceiling

8.3.1 The ceiling should preferably be set out from the centre to secure balance width of tiles at perimeter the centre to centre distance for main runner and cross tee is 600mm x 600mm or 600mm x 1200mm.

8.4 Hanger

8.4.1 Maximum distance between hangers is 1200mm from wall to first hanger the maximum distance is 400mm.



8.5 Main tee

8.5.1 Main runner is spliced together by inserting a tab on the end of one section into a slot in the adjustable section.

8.6 Cross tee

8.6.1 Cross tee are inserted into slot in the main tee and lock in position by a slight downward pressure.

8.6.2 Cross tee are available in two standard length, 600mm and 1200mm or 2ft and 4ft

8.7 Adjustment

8.7.1 When all profile had been installed adjustment can be made to make sure that the entire suspension is level.

8.8 Tiles

8.8.1 Ceiling tiles are simply laid on the existing ceiling T. Lay the ceiling according to the direction (if any) recommended by the manufacturer.

8.9 Wall clip

8.9.1 If necessary tiles along wall can be kept in position by using wall clips.

The special flag-shape lock will give out 'click' when the auxiliary keel is inserted, this indicates proper installation.

The top position with unique design makes the auxiliary keel not falling off even if one-side insertion.

The improved pressure reducing and guiding slot makes installation easy and fast.

You can turn and tear down the keel without any tool. It is convenient for modification when you find any wrong installation

The locking design of connection piece ensures the connector firm and stable, and this shockproof structure is suitable for leveling.