



## **Method Statement for Concealed 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**

9mm or 12.5mm Plasterboard Ceiling board, EL35 or EL 45 galvanised iron ceiling baten, jointing compound, paper tape.

### **6.0 Handling and Storage of Materials**

Handling : Ensure ceiling board is not bent and deformed.



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, Bench, Basic hand tools, laser.

## **8.0 Work Methodology**

### **8.1 Levelling**

- 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,

### **8.2 Hanger**

- 8.2.1 Hanger will be installed at maximum distance of 1200mm from centre to centre.

### **8.3 Primary Channel**

- 8.3.1 EL35/45 ceiling channel is spaced at 800mm centre to centre.

### **8.4 Secondary Channel**

- 8.4.1 EL35/45 ceiling channel is spaced at 1000mm centre to centre.

### **8.5 Board**

- 8.5.1 Board are screw fixed onto EL35/45 secondary channel that are spaced at 400mm centre and secured onto EL35/45 primary channel spaced at 800mm centre to centre and screw fixed onto ceiling hanger that is spaced at 800mm centre.



## 8.6 First Coat

- 8.6.1 Fill up the recent joint formed by the recessed edges of the Plasterboard with compound.
- 8.6.2 With the trowel at approximately in 45 degrees to the board surface, draw along the joint with enough pressure to move any air bubbles beneath the tape.
- 8.6.3 Leave sufficient compound under the tape to achieve a good bond. Cover all fastener heads and allow first coat to dry. Leave all joint and fastener heads with a smooth finish and feather edges.

## 8.7 Second Coat

- 8.7.1 When first coat is set (or dried), scrape back any builds up of compound. Apply a second coat of compound with trowel.
- 8.7.2 Using a trowel, cover fastener heads with a second coat overlapping the first by about 25mm.

## 8.8 Third coat

- 8.8.1 When second coat has set (or dried), scrape back any build up of compound along the joint, to give a smooth and level surface.
- 8.8.2 Apply and finish coat with a trowel to width of approximately 275mm.

## EL35/EL45 Concealed Ceiling System

