



## **Method Statement for Wall Lining Work**

### **1. GENERAL REQUIREMENTS**

- 1.1 The installer shall supply and install the gypsum/calcium silicate board in accordance with specification as shown on the drawings.

### **2. SUBMISSION DOCUMENTS**

- 2.1 Technical Data: technical data, test certificates, installation instructions and valid Bomba's certificates for fire rated assemblies for approval prior to commencement of work will be provided by manufacturer.

### **3. DELIVERY, STORAGE AND HANDLING**

- 3.1 Coordinate deliveries to comply with Construction Schedule and arrange for off-the ground storage. Do not load any area beyond the safe design load limits.
- 3.2 Do not store product outside. Stack gypsum/calcium silicate boards flat on a smooth, even, dry surface.

### **4. SITE CONDITIONS**

- 4.1 Install work only in areas closed and protected against weather. Provide adequate ventilation and dehumidification to eliminate excessive moisture in the areas of work to ensure proper drying, setting or curing of the compounds.
- 4.2 Do not install work in any area unless satisfied that work in place has dried out, and that no further installation of damp materials is contemplated.

### **5.0 PRODUCTS**

- 5.1 Gypsum Board of selected thickness (12.5mm, 15mm, 16mm or 19mm) to be used. Calcium silicate board of 6mm or 9mm to be used.
- 5.2 Stud of selected width (49mm, 62mm, 72mm or 92mm) to be used which is determined by architect in the specification **OR**,



5.3 Ceiling batten of 16mm x 36mm x 0.45mm to be used

5.4 Jointing Compound

5.5 Paper Tape

## 6.0 **INSTALLATION GUIDE**

6.1 Install metal wall framing in strict accordance with manufacturer's instructions. Determine and mark the wall position and make allowance for openings.

6.2 Adjust the flatness with a laser before fixing the stud/ceiling batten onto the brickwall. Fix channel along centre line of floor at 600mm centers with suitable fixings.

6.3 Gypsum/calcium silicate board are screw fixed at 300mm to the framing system with spacing of 300mm. Wall anchor of 600mm distance to hold bracket which connected to the framing system.

6.4 Adjust the metal framing by laser guide to ensure flatness of the wall lining.

## 7.0 **JOINTING**

Reinforce all interior and exterior corner/angle and panel joints for wall surface with paper tape embedded in and finished with jointing compound.

### 7.1 **First Coat**

- 1) Using a trowel, apply compound to the plasterboard recessed joint formed by the recessed edge of the board. The compound should be applied 3mm-5mm thick to help with tape bonding.
- 2) Centre the paper tape along the joint
- 3) Leave sufficient compound under the tape to achieve a good bond.
- 4) Immediately apply a thin coat of compound over the tape. This reduces the possibility of the tape edge curling or wrinkling which could lead to cracking.
- 5) Cover all fastener heads and allow first coat to set/dry. Leave all joint and fastener heads with a smooth finish and feathered edges.



## 7.2 **Second Coat**

- 1) When the first coat has set/dried scrape back any build up of compound. Apply a second coat of compound using a trowel. The second coat should be finished as flush as possible to the board face.
- 2) Using a trowel, cover fastener heads with a second coat approximately 25mm wider than the first coat.
- 3) Allow to set/dry.

## 7.3 **Third Coat**

- 1) When the second coat has set/dried, scrape back any build up of compound along the joint, to give a smooth and level surface.
- 2) Apply a finishing coat with a trowel to a width of approximately 275mm. A wet sponge may be used on the joint edges to help achieve a smooth finish.
- 3) Apply a finishing coat to fastener heads approximately 25mm wider than the second coat.
- 4) Allow to set/dry completely.