



Method Statement for Drywall 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.
- 5.2 Stud of selected width (49mm, 62mm, 72mm or 92mm) to be used which is determined by architect in the specification.



5.3 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. Determine and mark the wall position and make allowance for openings. Fix track channel along centre line of floor and ceiling at 600mm centers with suitable fixings.

6.2 Cut stud to a neat fit into the height of to the required wall height. Locate the first stud into track channel, twist into position and fix to the abutting wall at 600mm centres. Locate next stud at 600mm centres to a friction fit within the track channel sections.

6.3 In splicing the studs due to height requirement, two stud members are boxed with minimum overlapping of 600mm. In case of designed partition height higher than the plasterboard length, additional track channel fixed horizontally to support an infill panel is required.

6.4 Partition above ceiling shall allow for cut out opening service ducts, trunk and cable trays. The contractor shall coordinate with all subcontractors on the exact location and size of the openings. Any gaps around any pipe ducts through the partition shall be properly sealed with proprietary fire smoke stop system: by the penetration collar protection specialist.

6.5 If full height partition had to be terminated below ventilation duct route parallel to the partitions, the stud of the partition shall be secured to the support frame of the duct. In such cases, space between the duct and reinforced concrete soffit need not be sealed up

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.