



Standard Specification for the Installation of MagnaBoard®

MagnaBoard Installation partitioning or ceiling method:

Framing Method - Gridding (batten, stud, light steel frame or tees)

- The gridding structure must be rigid prior to the installation of the boards

MagnaBoard size - 1220 x 2700 mm

Battens spaced at 305 mm to a maximum of 610 mm c-c

MagnaBoards are to be fitted perpendicular to the gridding

Double batten or bigger batten to be installed on joints where boards meet

All joints must fall in the centre of a batten

A 3 mm gap (space) **MUST** be allowed between the boards at joints for expansion and contraction.

Movement joints to be made every 10 -12 m

Where a large cut-out section is required in the fitting of a board it is not recommended that the board be fitted as one piece. The board should be cut into separate pieces and joined correctly as specified to prevent cracks from developing at a later stage.

Securing the MagnaBoard®:

- All edges and centres must be secured
- Screws are to be spaced 180 - 250 mm maximum
- Screws are to be fixed 50 mm from the corners
- Screws are to be fixed no closer than 15 mm from the edges

Joint Preparation:

- Skimming of joints (we recommend using tapered boards)
- All 3 mm gaps on joints must first be properly caulked (filled)
- Fibre tape then to be applied to the board
- Joint then skimmed over the fibre tape to the level of the board

Note:

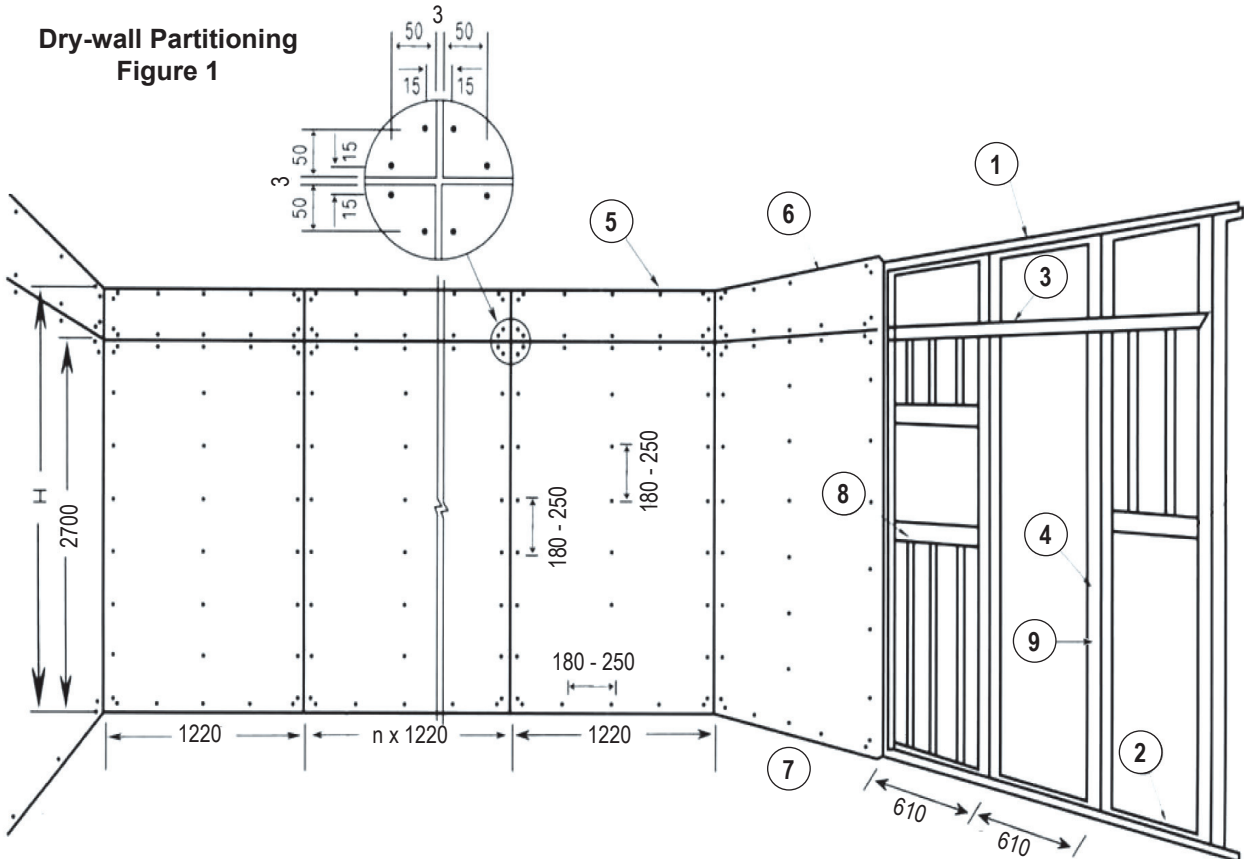
1. It is advisable to consult with our Technical Advisor prior to installation, as the above standard specification may not cover all aspects of a particular application.
2. The performance of every wall/ceiling joint is the responsibility of the installer, as this is governed by the standard of workmanship and installation practices.

Please follow the above installation instructions in order not to compromise the Magnastruct warranty.

Installation Details

All technical diagrams are for general installations. Industry regulations and local standards should be consulted in conjunction with these diagrams.

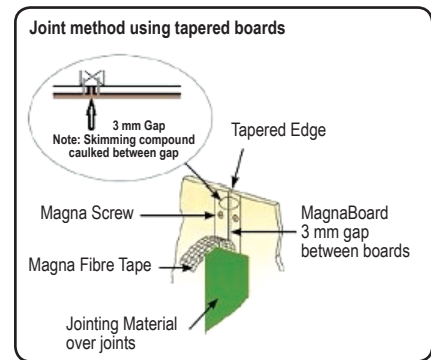
**Dry-wall Partitioning
Figure 1**



Labelling for Figure 1

1. Roof/Soffit - Light steel track
2. Floor - Light steel track
3. Light steel frame
4. Vertical steel stud
5. Magna countersink screws
6. MagnaBoard/MagnaBoard Premium
7. Floor base
8. Light steel frame for window openings
9. Light steel frame for door openings

Figure 2



Note:

- When skimming joints only, tapered boards must be used.
- Timber can be used with good results in place of light steel framework.
- Where movement can be expected on the frame the screw spacings should not exceed 200 mm.
- The above Figure 1 will also apply to ceiling installations with regard to screw spacings and screw spacings from edges and corners.