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# PROCEDURE TO INSTALL MAGNUM BOARD™ INTERIOR WALL AND CEILING BOARD INCLUDING WET AREAS



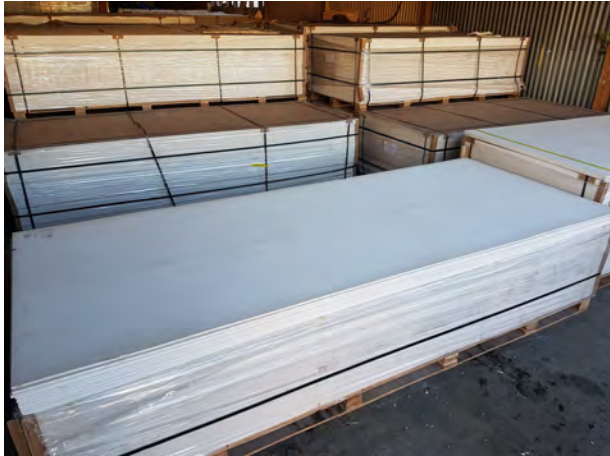
It is important to watch applicable Magnum Board Wall and Ceiling Board installation videos to ensure your understanding of the installation process is complete. Magnum Board Interior Wall and Ceiling Board videos can be access via links in each Magnum Board Wall and Ceiling Board listing  
[www.healthbasedbuilding.com](http://www.healthbasedbuilding.com)

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## PRODUCT, TOOLS & FASTENERS



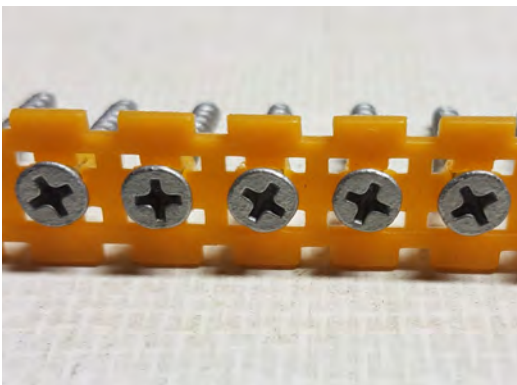
Magnum Board



S9 construction adhesive for bonding Magnum Board to framing



Simson Strong Tie 6g x 32mm C3 Galvanised Collated Square Drive Screws for fixing Magnum Board to steel framing



Fortress Fasteners 6g x 32mm C3 Galvanised Collated Screws collated for fixing Magnum Board to timber framing



Fortress Fasteners 6g x 32mm C3 Galvanised Collated Screws loose for fixing Magnum Board to timber framing



HEPA extraction system with recommended cutting equipment



Battery powered drill gun with torque



Auto Screw Gun



Recommended mechanical sanding equipment

# PROCEDURE TO INSTALL MAGNUM BOARD INTERIOR WALL AND CEILING BOARD INCLUSIVE OF WET AREAS

## RESPONSIBILITY

It is the responsibility of the installer to inspect their work place prior to beginning the installation of Magnum Board interior lining to ensure the installed work will meet the owner / contractors requirements. Notify owner / general contractor of any concerns prior to the start of Magnum Board interior wall and ceiling board installation. Magnum Board is a non-toxic building material. Cutting can establish fine particulate that could irritate the respiratory system. Always wear a dusk mask, safety glasses and follow MSDS Guidelines. Always use correct tools when executing cutting operations.

## Material General Requirements Storage & Handling

Protect Magnum Board from weather and dirt prior to and during installation. Always lay Magnum Board interior wall and ceiling board on a solid surface above moisture absorbing substrates on pallet or bearer layout than will not distort Magnum Board. It is good construction practice to marshal or stage the materials to be installed as close to the point of installation. Magnum Board can be installed over steel, wood or laminated veneer lumber (LVL) framing that complies with the local building codes.

- Vertical framing member spacing can be no wider than 600mm centres
- Magnum Board is installed vertically
- All edges must be supported by framing.
- All framing must be straight and level

**Cutting Procedure:** We recommend the use of qualified installers.

Magnum Board with a carbide tipped scoring knife, keyhole saw, saber saw or power saw equipped with a carbide blade and HEPA vacuum extraction.

**NOTE:** We recommend use of FESTOOL cutting and extraction systems.

- Measure accurately and mark your cutting locations before cutting
- Make circular cuts and irregular angle cuts using a cement board bit, carbide tipped bit keyhole saw or a saber saw.
- To perform cut outs for electrical outlets, light receptacles, switches, carefully measure and mark the location of the opening on the face of Magnum Board. Outline the opening in pencil and cut it using equipment described
- Position cutting station so that wind will blow dust away from the user or others in the working area and allow for ample dust dissipation.
- Score and snap using carbide-tipped scoring knife or utility knife. NOTE: Ability to use this method depends on thickness of Magnum Board being installed.
- Never use a circular saw blade that is inappropriate for the specific operation being undertaken. Never use a grinder or continuous rim diamond blade for cutting.
- Never dry sweep. Use wet suppression methods or HEPA vacuum.

## **Installation**

### **Installation Pattern**

Magnum Board Wall and Ceiling Board must be installed vertically as per fixing detail below. 15mm-20mm in from outside edges. 50mm in from corners. 300mm minimum spacing between fasteners. 600mm centers across 1200mm wide.

- Magnum Board interior wall and ceiling board shall be installed rebate edge to rebate edge.
- Where end to end Joints are required, a rebated edge using a matching profile shall be added in preparation for plastering
- Begin fixing at the central fixing position in the board with perimeter fixing once board is held in place
- Magnum Board interior wall and ceiling board is screwed to steel framing. Screws for steel framing are collated Simpson Strong-Tie code CBSDG114SA Screws to be embedded slightly under flush with Magnum Board surface.
- Magnum Board interior wall and ceiling lining is screwed to timber framing. Screws for timber framing are Fortress Fasteners 6g x 32mm C3 screws to be embedded slightly under flush with Magnum Board surface

# MAGNUM BOARD WALL AND CEILING BOARD FIXING PATTERN

2400x1200x09mm, 2700x1200x09mm and 3000x1200x09mm wall and ceiling board sizes

## Fixing Pattern

- 15mm in from perimeter edges
- 50mm in from corners
- 300mm apart along perimeter edges and
- 600mm mid lines

