

Echostop®

During installation, attention should be paid to the following:

- Plan layout before starting, stagger butt joints
- Take measurements from the centre of the room to ensure even border dimensions between the filled-hole margin along short edge of sheet and the plain board margin along recessed edges (ref diagram below)
- Fix furring channel battens at 600mm centres (Do not fix Echostop directly to the underside of a timber truss nor to a metal/timber batten that is fastened directly to the underside of a timber truss)
- Line up perforated panels accurately to create a uniform pattern
- Provide perimeter relief where possible
- For walls, control joints should be spaced at not more than 12 metre maximum centres in either direction and where there is change in substrate materials.
- Echostop to be mechanically fastened only (adhesive not allowed)
- Screws to be min 6 x 25mm Type 'S' screws
- Screws to be installed 10mm to 16mm from board edges
- Ensure butt joints are staggered
- Paper tape must be used as part of the jointing system

- Use rollers for painting as spraying may block holes
- Take care making penetrations in perforated panels
- Using a painters tape applied over perforated holes may provide easier application of jointing material

Borders

Aesthetically, it is suggested that a solid border around the perimeter be created as shown in the figure below.

Ceiling Application

- Insulation maybe required to achieve specific NRC requirements for your project, insulation is not supplied with Echostop and must be ordered in addition to the Echostop boards.
- A maximum ceiling loading of 2kg/m² applies, light fittings may be required to be carried by furring channel or top cross rail .
- For ceiling applications it is recommended that Echostop perforated plasterboard is either suspended or fixed to a furring channel batten on a direct fixing clip.
- Control joints should be spaced at not more than 12 metre maximum centres in either direction (15 metre centres where there is perimeter relief) and where there is change in substrate materials.

Note: A top cross rail system where direct fixing furring channel battens to trusses/purlins allows for fine adjustment of furring channel locations behind solid margins between the perforations and butt joint locations.

Full installation details can be found in the USG Boral Drywall Grid systems or Rondo Key-Lock® Concealed Suspended Ceiling Systems brochure at www.rondo.com.au

USG Boral Echostop is generally installed in the same manner as USG Boral 13mm standard core plasterboard for wall or ceiling applications. For installation details not covered above refer to USG Boral plasterboard installation manual.

Available at USGBoral.com/plasterboardinstallation

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This technical information is intended to provide general information on plasterboard products and should not be a substitute for professional building advice. We recommend you use a qualified person to install USG Boral plasterboard. Illustrations in this guide are only representative of USG Boral plasterboard products and the appearance and effects that may be achieved by their use. To ensure the information you are using is current, USG Boral recommends you review the latest building information available on the USG Boral website. USGBoral.com Product availability should be checked with your local USG Boral Sales Office, as availability may vary.

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