

DRYWALL PARTITION INSTALLATION

USG Boral gypsum boards can be used as wall partitions for corridors, bed room, and living rooms to create and design a lightweight and cost effective interior linings.

Tools and materials needed: USG Boral 12mm gypsum board, power drill, 25mm gypsum screw, wall track, C-studs, T-square, cutter, and pencil.

1 SETTING UP THE FRAME

Framing installation should be based on the framing manufacturer's recommendation.

💡 Metals to be used should comply with ASTM C645 and C754, and the maximum and minimum metal thickness requirement should be considered.

2 INSTALLING THE BOARD

Place a packer or "kalang" as temporary support. Keep the gypsum boards held hard against the frames.

Fasten gypsum boards to frames on a staggered manner. Fasten at sheet ends using gypsum screws spaced no more than 200mm on centers. It is recommended to have atleast 10mm gap at gypsum board top and bottom edges. It is advisable to have a 200mm space between screws.



3 JOINTING AND FINISHING

Apply to intervals of the joints of the gypsum boards and the screws using the USG Boral Premium Jointing or Premium Premix and Paper Tape.

💡 For detailed instruction, refer to jointing installation



CEILING INSTALLATION

USG Boral gypsum boards are recommended for installation in interior ceilings such as the bedroom, living room, toilet, and hallways.

Tools and materials needed: Power drill, gypsum screw, wall angle, furring, carrying channel, standard 9mm gypsum board, T-square, cutter, and pencil.

1 SETTING UP THE FRAME

Framing installation should be based on the framing manufacturer's recommendation. Consider the minimum and maximum metal thickness requirement, wall angle, furring, and carrying channel.

2 INSTALLING THE BOARD

Screw the whole gypsum board horizontally on the furring. When fastening screws, ensure a 10mm distance from the edge. Screws should be 250mm maximum apart from each other in alignment with the furring. Attach the next gypsum board afterwards. Note that it should be one furring away from the previous board.



3 JOINTING AND FINISHING

Apply to intervals of the joints of the gypsum boards and the screws using the USG Boral Premium Jointing or Premium Premix and Paper Tape.

💡 For detailed instruction, refer to jointing installation

JOINTING INSTALLATION

USG Boral manufactures and supplies an extensive range of high quality and consistent joint compounds including bedding and base compounds, finishing, patching and skim compounds to transform your gypsum board joints, angles and fastener heads into one seamless surface.

Tools and materials needed: USG Boral Premium Jointing, paper tape, spatula, mixing board, and clean water.

1 PREPARING THE SURFACE

Make sure that no screws are sticking out. Fill any gaps in joints with base compound, and wait for it to dry. This will prevent the jointing compound from sinking when the mixture is applied.

💡 You can also use a spatula to keep the board surface smooth and even.

2 MIXING THE COMPOUND

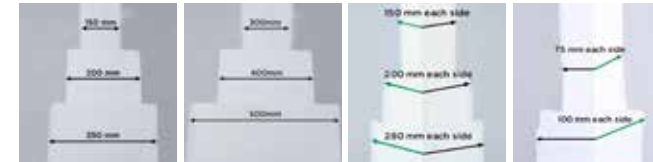
Mix two (2) parts USG Boral Premium Jointing* and one (1) part clean water. A ready-mix Premium Premix** can also be used as a substitute.

3 APPLYING THE PAPER TAPE

Using the spatula, apply the compound in between gypsum boards to serve as the paper tape glue. Center and press the paper tape into the base compound using the spatula, drawing along the joint with sufficient pressure to remove excess compound.

4 JOINTING AND FINISHING

Apply succeeding layers or coats depending on the desired level of finish. remember to spot screw heads accordingly. allow the the previous coats to set prior application of next coat. please refer to the illustration on the recommended width of each coat.



TAPERED EDGE SQUARE EDGE EXTERNAL CORNERS INTERNAL CORNERS

Apply jointing compounds to screws and wait for it to dry.

*Available in 20kg bag

**Available in 28kg and 5.4kg pail.

USG BORAL GYPSUM BOARDS AND COMPOUNDS



USG BORAL
INNOVATION INSPIRED BY YOU™

USG BORAL STANDARD BOARDS



Standard gypsum board is ideal for a wide range of residential and commercial wall and ceiling applications where fire resistance ratings, impact and water resistance are NOT required.

Physical Properties

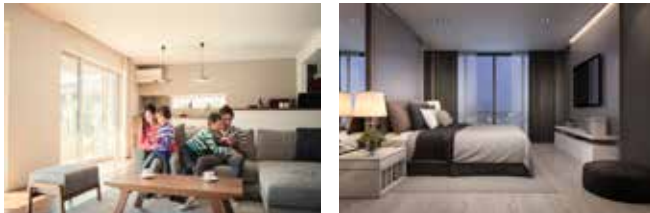
Dimensions	: 4 ft x 8 ft
Thickness	: 9 mm and 12 mm
Edge Profile	: Recessed
Paper Surface Color	: Gray

Features and Benefits

Smooth Finish	: Ready to receive paint
More heat resistant	: Absorbs less heat providing a cool interior
Lightweight	: Up to 40% lighter than other lining boards enabling fast and easy installation
Recessed edges	: Reduced unsightly hairline cracks with the use of USG Boral Jointing Compound and Paper Tape

Applications

Walls and ceilings of residential and commercial buildings



USG Boral also supplies a number of technical gypsum board types formulated for specific applications including sound isolation between rooms, fire-resistant ratings, and water resistance.

EchoStop



WetStop



FireStop



WetStop+FireStop



USG BORAL COMPOUNDS



Premium Jointing, also known as **UB888 or Boral powder**, is a gypsum-based, all-purpose compound specially designed for jointing gypsum board, internal/external angles and fastener heads.

Physical Properties

Net Weight	: 20 kg
Drying/Setting Time	: 45 minutes (depending on local conditions)
Shelf Life	: 9 months

Recommended Usage

Suitable for the plastering of gypsum board joints and covering screw holes on ceilings and walls.

Suitable for interior use

1:2 (water to powder) mixing ratio



Premium Premix, also known as **TC28 or Boral Putty**, is an air-drying, lightweight jointing compound for all three coat applications or as a finishing coat for gypsum board joints, angles, and fastener heads.

Physical Properties

Net Weight	: 28 kg and 5.4 kg
Drying/Setting Time	: 12-24 hours (depending on local conditions)
Shelf Life	: 9 months

Recommended Usage

Suitable for use as all three coats in the USG Boral three-coat jointing system.

Suitable for the final coating of gypsum board joints, angles, and fastener heads when used in conjunction with the USG Boral Premium Jointing compound for first and second coats.

*Depending on local conditions
Note: The 9 month shelf life indicated for the products on this page applies if the products are stored strictly following USG Boral's storage instructions.

USG BORAL PAPER TAPE



As a paper reinforcing tape, **USG Boral Paper Tape** is well famed for strengthening and fine-tuning the joints of interior drywall panels while preventing visible cracking.

Physical Properties

Dimensions	: 50 mm x 75 m
Ease of Use	: No stretch and wrinkles Easier corner finish
Performance	: High strength and resists tearing Superior center crease

Recommended Usage

Reinforcing tape for interior drywalls and ceilings that has the ability to resist stretching and distortion

Features and Benefits of USG Boral Compounds and Paper Tape

Ease of Use	: Easy to mix, and no lumps Easy to apply Fast drying time Easy to sand
Performance	: Excellent bond to paper tape Crack resistant Minimal shrinkage Smooth finish



USG Boral also supplies cornice and casting compounds:

Premium Cornice



Also known as Cornice Adhesive, is formulated for bonding paper-faced and plaster cornices to gypsum board surfaces and reinforcing joints in cornices.

Premium Casting

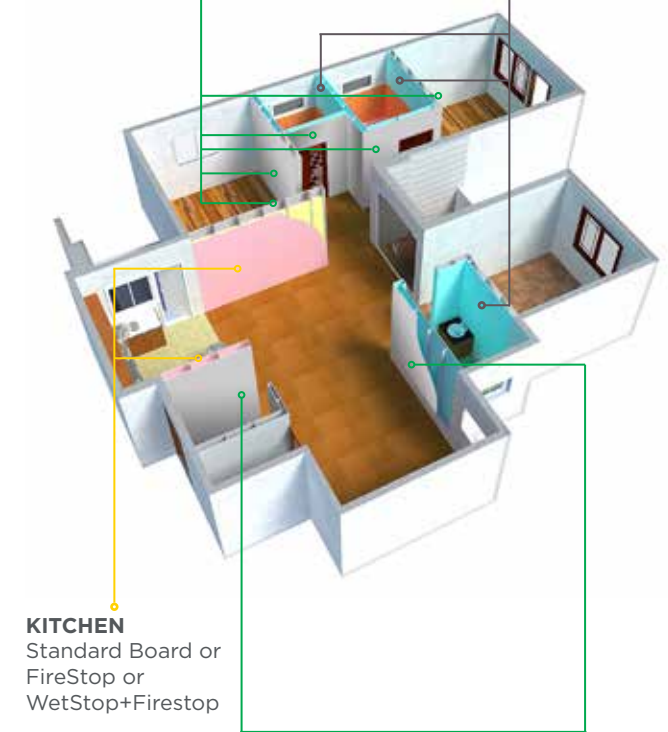


Also known as CASTPLAST or Casting Plaster, is developed and manufactured for use in the production of plaster craft replications.

For a seamless finish look, USG Boral gypsum boards and compounds are the ideal partners that can be used not only in commercial spaces but also for home's internal walls and ceilings.

BEDROOM AND HALLWAYS Standard Board

BATHROOM WetStop



KITCHEN Standard Board or FireStop or WetStop+Firestop

LIVING ROOM AND STORAGE ROOM Standard Board

To learn more how to install gypsum board and how to use compounds, visit and subscribe to our Youtube Channel and like us on Facebook.



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