

TECHNICAL DATA

SHEETROCK® Brand Ceiling Board

SHEETROCK® Brand Ceiling Board is USG Boral's newest engineered lightweight alternative to Unispan plasterboard. This plasterboard panel has a high strength to weight composite design with an innovative core technology encased in a strong 100% recycled paper liner, ideal for a wide range of residential and commercial internal ceiling applications where fire resistance ratings, impact and water resistance are not required.

SHEETROCK® Brand Ceiling Board is available in lengths up to 6 metres to minimise jointing, providing a surface suitable to a wide range of decorative finishes.

ADVANTAGES

- Light weight, easy to install and handle



BOARD SPECIFICATION

| Feature | Description |
|-----------------------------|---|
| Thickness | 10mm |
| Edge Profiles | Recessed edge |
| Sheet Size (width x length) | 1200 x (2400-6000mm), 1350 x (3600-6000mm) [Please refer to Size & Availability Chart for more sizes] Product availability: Certain products and sizes may only be available on order or in pack lots. |
| Paper Colour | Buff |
| Mass | 5.9 kg/m ² |
| Fire Hazard Properties | Group 1 – In accordance with BCA Specification C1.10a Fire Hazard Properties – Floors, Walls and Ceilings |
| Combustibility | Non Combustible material as defined in BCA Deem-to-Satisfy Provisions C1.12 |
| VOC | Less than 0.5mg/m ³ TVOC* |
| Manufacture | Manufactured in Australia to the requirements of AS/NZS 2588:1998 Gypsum plasterboard and in accordance with AS/NZS ISO 9001:2008 – Quality management systems – Requirements |

*Total Volatile Organic Compounds

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INTENDED FOR

- Non-fire rated wall and ceiling applications.
- New residential or commercial construction.
- Repair and alterations of existing buildings.
- Installation on ceilings with framing spaced at 450 and 600 centres.

LIMITATIONS

- Avoid exposure to sustained temperatures exceeding 42°C.
- Avoid exposure to excessive, repetitive or continuous moisture before, during and after installation. Eliminate sources of moisture immediately.
- Maximum wall and ceiling frame spacing is 600mm.
- Must be stored under cover.

FINISHING AND DECORATING

For high-quality finishing results, USG Boral recommends the following products:

- USG Boral ready-mixed joint compounds eg. RediBase™, Total Lite™ or LiteFinish™
- USG Boral setting-type joint compounds eg. BaseCote® or EasySand™
- SHEETROCK® Brand joint tape
- SHEETROCK® Brand paper faced metal bead and trim
- USG Boral SHEETROCK® Brand Tuff-Hide™ primer-surfacer

AS/NZS 2589:2007 Gypsum linings – Application and Finishing, should be referred to in order to determine the level of finishing needed to ensure a surface properly prepared to accept the final decoration.

Where plasterboard walls and ceilings will be subjected to severe artificial or natural side lighting, or be decorated with a gloss paint (egg shell, semi-gloss or gloss), the plasterboard panel surface should be skim coated with joint compound. This equalises suction and texture differences between the plasterboard face paper and the finished joint compound before painting. Refer AS/NZS 2311:2009, Guide to the Painting of Buildings. As an alternative to skim coating, or when a Level 5 finish is required, use USG Boral Tuff-hide™ primer-surfacer.

INSTALLATION

CEILING LOADS AND SPANS

Gypsum board spans and loads directly supported on ceiling linings must not exceed the maximum values indicated in the table below.

Loads in excess of maximum allowable must be supported independently from a roof or ceiling structure.

GYPSUM BOARD FASTENERS

For full installation details, refer to USG Boral website www.usgboral.com or call TecASSIST on 1800 811 222.

Maximum loads and spans for internal ceilings

| Total load ¹ (kg/m ²) | Board type | Wind class | | | |
|--|---|------------|-----|-----|-----|
| | | N1 | N2 | N3 | N4 |
| Less than or equal to 2.0 | 10mm SHEETROCK® Brand Ceiling Board 13mm SHEETROCK® Brand Standard Board | 600 | 600 | 600 | 600 |
| | 10mm SHEETROCK® Brand Wall Board | 450 | 450 | 450 | 450 |
| Above 2.0 and no greater than 2.6 ² | 10mm SHEETROCK® Brand Ceiling Board 13mm SHEETROCK® Brand Standard Board | 600 | 600 | 450 | 450 |
| | 10mm SHEETROCK® Brand Wall Board | 450 | 450 | NA | NA |

Nail length (mm)

| Plasterboard thickness | Timber frame | | | | Steel frame |
|------------------------|---|--|---|----------------------------|--|
| | Boral smooth shank gold passivated nails ³ | Boral annular ring shank nails ³ and uni-nails ³ | Galvanised nails ³ (2.8mm dia UNO) | Type W screws ⁴ | Type S ⁵ and Type D ⁶ screws |
| 1 x 10mm | 40 softwood | 30 | 40 softwood | 6-9 x 25W wall | 6-18 x 25 ⁷ D,S |
| | 30 hardwood | | 30 hardwood | 6-9 x 32W ceiling | |
| 1 x 13mm | 40 softwood | 30 | 40 softwood | 6-9 x 32W | |
| | 30 hardwood | | 30 hardwood | | |

¹ Total load includes weight of insulation and any fixtures directly supported on ceiling linings.

² One third fixing method only

³ Nail lengths are minimums, however care is needed when selecting longer nails to avoid nail bending in hardwoods or popping of plasterboard with unseasoned timber.

⁴ "W" is a single start, needle point, bugle head type W gypsum screw for fixing to hardwood and softwood framing. In some instances double start thread screws are permissible (refer USG Boral).

⁵ "S" is a double start, needle point, bugle head type S gypsum screw for fixing to steel gauges of up to 0.80mm BMT.

⁶ "D" is a double start, drill point, bugle head type D gypsum screw for fixing to steel gauges 0.80 to 2.00mm BMT.

⁷ For ease of construction with framing steel gauges of less than 0.8mm BMT use 30mm minimum screw length.

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COMPLIANCE

- Manufactured under AS/NZS ISO 9001:2008 “Quality Management Systems – Requirements” to meet or exceed AS/NZS 2588:1998 “Gypsum Plasterboard”.
- Complies with the requirements of Building Code of Australia and relevant Australian Standards.
- Classified as non-combustible according to BCA section C1.12.
- Qualifies as low VOC emitting material, less than 0.5mg/m³ TVOC.
- Classified as non-hazardous in accordance with NOHSC Australia.

SUSTAINABILITY

USG Boral products are manufactured from a combination of natural gypsum, and paper liner made from 100% reclaimed and recycled paper waste. Plasterboard waste can be reclaimed and recycled into new plasterboard, or reused as soil conditioner.

WASTE MANAGEMENT

Waste collection services are available to divert acceptable plasterboard waste away from landfill for recycling or re-processing for other uses.

For information on waste collection services available, please contact your local USG Boral office.

VOLATILE ORGANIC COMPOUNDS (VOC) AND FORMALDEHYDE MINIMISATION

USG Boral products, compounds and adhesive have been independently tested to confirm compliance with Green Star specification limits for VOCs and are formaldehyde free.

REFERENCES

Refer www.usgboral.com for Material Safety Data Sheet, Volatile Organic Compound Emission details and other additional information.

SALES ENQUIRIES 1800 003 377

TecASSIST® 1800 811 222

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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. www.usgboral.com

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