

## Technical Data - Plasterboard

# SHEETROCK® HD



### Description

**SHEETROCK® HD** is USG Boral's state-of-the-art 13mm plasterboard utilising a unique patented formulation. SHEETROCK HD features all of the benefits of traditional SHEETROCK such as superior flexural strength and score 'n' snap, yet has been specifically engineered to meet acoustic requirements for commercial and residential applications.

SHEETROCK HD is available in two edge profiles with lengths up to 6 metres to minimise jointing, providing a surface suitable for a wide range of decorative finishes.

### Advantages

- High Density core for improved acoustic performance
- Available in 2 edge profiles
- Internal wall and ceilings applications
- Unique composition with improved score 'n' snap
- Stronger, stiffer board, less breakage/damage on site
- GECA accreditation

### Installation

For installation and finishing specifications refer to USG Boral Plasterboard Installation Manual [USGBoral.com/au/installation](http://USGBoral.com/au/installation)

### Physical Properties

Feature	Description
Board Thickness, mm	13mm
Mass, kg/m <sup>2</sup> (nominal)	8.5
Edge Profile*: Sheet Width, mm	RE: 1200, 1350 RESE: 1350, 1375
Sheet Length	Refer to "Plasterboard Range Availability" (USGBoral.com)
Paper Colour	Buff
Thermal Coefficient of Linear Expansion, mm/mm°C (4 to 38°C)	16.2 x 10 <sup>-6</sup>
Hygrometric Coefficient of Linear Expansion, mm/mm%RH (5 to 90%RH)	7.2 x 10 <sup>-6</sup>
Thermal Resistance (R), m <sup>2</sup> K/W	0.073
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 <sup>3</sup> TVOC

\*RE – Recessed Edge, SE – Square Edge



## Limitations

- Not suitable for wet areas
- Should not be exposed to prolonged temperatures in excess of 42°C
- Should not be exposed to moisture
- Not suitable for direct support of heavy loads

## Standard Compliance

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.

## Sustainability

USG Boral plasterboard 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.

USG Boral SHEETROCK® plasterboard may contribute to Green Star credit points in the following assessment categories:

### Management

Waste collection services are available to divert acceptable plasterboard waste away from land fill for recycling or re-processing for other uses. For information on waste collection services available, please contact your local USG Boral office.

### Indoor Environment Quality

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

### Materials

USG Boral plasterboard products may contribute to project Life Cycle Assessment (LCA) credits. Plasterboard Life Cycle Inventory (LCI) is available on Building Product Innovation Council website [bpic.asn.au](http://bpic.asn.au)

## Safety

The following precautions are recommended when installing and finishing plasterboard:

- Avoid creating dust when handling plasterboard or mixing jointing compounds.
- When sanding, minimise the effects of dust by:
  - providing adequate ventilation
  - wearing eye protection

- wearing a respiratory mask conforming to AS/NZS 1716 Respiratory protective devices
- using mechanical sanding tools fitted with dust extractor and storage bag.
- Keep tools and materials out of reach of children.

In addition, the users should observe Occupational Health and Safety tips contained on the packaging labels for USG Boral products as well as safe manual handling practices.

## First Aid

- If plaster compound or dust comes into contact with the eyes, wash eyes thoroughly with clean potable water.
- If plaster compound or dust comes into contact with skin, wash skin thoroughly with soap and water.
- If dust is inhaled, move to a fresh air environment.

- If plastering compound or dust is ingested, drink plenty of water.

Material Safety Data Sheets for USG Boral products can be downloaded from [USGBoral.com](http://USGBoral.com)

In emergencies call **1800 033 011**

For poison assistance call **13 11 26**

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UB1316 03/19