

Gyprock® Product Datasheet



Gyprock® Flexible plasterboard

Gyprock Flexible is a 6.5mm plasterboard sheet with an enhanced gypsum core in a heavy duty liner paper that enables the board to bend to a small radius.

This plasterboard is installed in two layers for increased strength and the long edges of the panels are recessed for flush jointing to a smooth, continuous surface.

Gyprock Flexible Plasterboard is manufactured in Australia to Australian Standard AS2588 and the heavy-duty face paper is a buff colour.

Product Options

Gyprock Flexible Plasterboard is manufactured to a 6.5mm thickness in 1200mm wide panels that are 3600mm long.

Typical applications:

- Curved walls and ceilings
- Freeform bulkheads and features

Installation

Gyprock Flexible plasterboard is typically installed in two layers for a 13mm thick final lining thickness allowing it to match other lining thicknesses in commercial construction.

This installation can accommodate a 250mm radius design for a convex curve and 450mm radius for a concave curve. Comprehensive installation instructions for Gyprock Flexible plasterboard can be found under the [Resources](#) tab.

[For assistance with installation, try searching for a Gyprock plasterer, builder or repairer under the Locations tab.](#)

Product Availability										
Thickness (mm)	Width (mm)	Length (mm)								
		2400	2700	2740	3000	3600	4200	4800	5400	6000
6.5	1200									

To confirm product availability, please check with your local [Gyprock supplier](#), or contact [Gyprock customer service](#)

Plasterboard Manufacture

Gyprock Flexible Plasterboard is manufactured to AS/NZS2588 Gypsum Plasterboard.

Plasterboard Installation

AS/NZS2589: Gypsum linings – Application and Finishing outlines the procedures for the installation and finishing of Gyprock Flexible Plasterboard in conjunction with additional details contained in Gyprock Technical Literature.

Levels of Finish

A Level of Finish sets out the minimum specifications for installation processes from framing preparation to painting and decoration. The levels are defined in AS/NZS 2589.1, and are intended to provide builders, installers and homeowners with defined methods and practices necessary to meet expectations in terms of the Level of Finish. They are not applicable to fire rated construction.

The level of finish should be specified prior to construction as it can be affected at different stages of construction and tolerances must be adhered to:

- Frame construction
- Plasterboard fixing and back-blocking
- Plasterboard jointing and setting

A Level 3 Finish is for areas that do not require painting and decoration such as above ceilings and inside service shafts.

A Level 4 Finish is the generally accepted level for domestic construction

A level 5 Finish should be specified wherever gloss, semi-gloss or dark coloured paints are to be used, or where critical glancing light conditions are likely.

More information on Levels of Finish can be found in the [Gyprock Residential Installation Guide](#)

Painting and Decoration

Finishes applied to plasterboard surfaces can have a significant effect on the perceived quality of the installation, particularly where critical lighting conditions exist.

- Textured or heavy patterned finishes tend to hide imperfections
- Matt finishes minimise imperfection visibility
- Semi-gloss and gloss finishes highlight imperfections
- Light colours are less likely to show imperfections and impact damage

Gyprock recommends paint systems consisting of one coat of a plasterboard sealer followed by two coats of finishing paint. Always follow the manufacturer's instructions for application and recoating.

Gyprock recommend decoration in line with [Master Painters Australia](#).

Manufacturing Tolerances	
Nominal thickness	6.5mm ± 0.5mm
Nominal widths	1200mm ± 3mm
Nominal lengths	3600mm ± 5mm
Squareness	Cut ends + 3mm in the width of the board

Physical Properties	
Nominal Board Weight*	4.3kg/m ²
Thermal Performance - R Values	0.03 m ² K/W
Fire Hazard assessed to AS/NZS3837 cone calorimeter test	Average Specific Extinction Area (ASEA) < 250 m ² /kg Group Number 1 Report Reference WFRA 45759
Combustibility	In accordance with BCA Clause C1.12, Gyprock Flexible plasterboard may be used wherever a non-combustible material is required by the Code.

*Subject to reasonable manufacturing variance.

Material Safety

MSDS

A [Material Safety Data Sheet](#) for Gyprock Flexible Plasterboard is available from the Gyprock website under the [Resources](#) tab.

Handling

For guidelines on the safe handling of Gyprock Flexible Plasterboard reference should be made to the Gypsum Board Manufacturers of Australasia (GBMA) publication *"Move it the GBMA Way – A Safe Manual Handling Guide for the Plasterboard Industry – Training Guide"* (Reference SS172).



Gyprock products are manufactured for life with all CSR products designed to achieve optimal performance when part of a CSR integrated system



Clean offcuts of Gyprock® Flexible plasterboard are suitable for the Gyprock Recycling service, where available.