

Gyprock® Product Datasheet



Gyprock Supaceil™

Gyprock Supaceil is the first plasterboard in Australia to feature Optimised Core technology.

Supaceil is part of Gyprock's Residential Select range of premium quality plasterboards. It is specifically designed for use on internal ceiling linings - predominantly in residential applications - where no specific fire, acoustic or moisture resistant requirements are specified.

Gyprock Supaceil is not suitable where it would be in contact with water or for environments with a constant relative humidity above 90%. For wet areas, the following products would be more suitable:

- [Gyprock Aquachek™](#)
- [Gyprock® Sensitive](#)
- [Gyprock Fyrchek™ MR](#)
- [Gyprock EC08™ Impact MR](#)
- [Gyprock EC08™ Complete](#)

Gyprock Supaceil is manufactured with Optimised Core technology, a stronger, thicker face paper and glass fibre reinforcement. Optimised Core plasterboard has an advanced performance-to-weight ratio, meaning greater breaking strength in a substantially lighter board that continues to exceed the performance requirements of Australian Standard AS 2588.

Product Options

Gyprock Supaceil is available in a thickness of 10mm and in widths of 1200mm and 1350mm. The long edges of both width boards are recessed for flush jointing and both are designed specifically for use in ceiling installations.

Because of the formulation of the core structure, this plasterboard will provide better resistance to the humid conditions that are experienced in many parts of Australia. It will stay flatter, even when installed on ceiling joists with 600mm centres. There is also less chance of fixings pulling through the board when extra pressure from above is applied such as can be the case with heavy ceiling insulation or when someone accesses the ceiling cavity.

Typical applications:

- Ceilings in residential buildings.

Installation

Comprehensive installation instructions for Gyprock Supaceil can be found under the [Resources](#) tab and include:

- [DIY installation guides](#)
- [Professional installation guides](#)

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 |
| Gyprock Supaceil | | | | | | | | | | |
| 10 | 1200 | | | | | | | | | |
| | 1350 | | | | | | | | | |

Gyprock Supaceil with Optimised Core technology is available now in QLD, NSW, VIC, TAS, SA and NT. WA offers "classic" formulation Gyprock Supaceil.

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

Plasterboard Manufacture

Gyprock Supaceil is manufactured to comply with AS/NZS 2588 Gypsum Plasterboard. Gyprock factories conduct regular testing under a Quality Management System complying with ISO 9001/2000.

Plasterboard Installation

AS/NZS2589: Gypsum linings – Application and Finishing outlines the procedures for the installation and finishing of Gyprock Supaceil 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 | 10mm ± 0.4mm |
| Nominal widths | 1200 and 1350mm ± 3mm |
| Nominal lengths | From 1200 to 6000mm ± 5mm, typically in 300mm increments |
| Squareness | Cut ends + 3mm in the width of the board |

| Physical Properties | |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Nominal Board Weight* | 6.1kg/m ² , 6.5kg/m ² in WA |
| Thermal Performance - R Values | 0.04 – 0.05 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 Supaceil 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 Supaceil is available from the Gyprock website under the [Resources](#) tab.

Handling

For guidelines on the safe handling of Gyprock Supaceil 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



Accredited against the Australian Standard AS2588 – Gypsum Plasterboard through SAI Global. All Gyprock products are manufactured to comply with Australian Standards.



Clean offcuts of Gyprock Supaceil™ are suitable for the Gyprock Recycling service, where available.



Plasterboards manufactured with Optimised Core technology have an advanced performance-to-weight ratio, meaning greater breaking strength in a substantially lighter board.



Gyprock Supaceil™ is accredited to the GECA 04 – 2011 Panel Boards Standard which is compliant with the requirements of the GBMA's Assessment Framework for product certification schemes.