

# Gyprock® Product Datasheet



## Gyprock® Sensitive

Gyprock Sensitive is part of Gyprock's Residential Specialty Options range of plasterboards. This gypsum plasterboard's core is treated with a powerful but gentle antifungal agent, which penetrates through the paper liner and paint coating. The core contains a wax emulsion to make it highly resistant to moisture and humidity without compromising integrity and the product is classified as low in volatile organic compounds (VOC), meaning it emits fewer chemicals than the acceptable Australian standard.

The attributes of Gyprock Sensitive make it an ideal selection for use throughout the homes of asthma and allergy sufferers.

The board can also be used as a lining in wet areas of residential or commercial buildings.

Because Gyprock Sensitive is not subject to moisture movement and has extremely low water absorption characteristics, it provides an excellent, stable substrate for ceramic tiles

Gyprock manufactures other plasterboards with moisture resistant properties that may satisfy a different range of performance requirements:

- Gyprock Aquachek®
- Gyprock Fyrchek® MR
- Gyprock EC08® Impact MR
- Gyprock EC08® Complete

Gyprock Sensitive is manufactured in Australia to Australian Standard AS2588 and the heavy-duty face paper is a green colour.

## Sensitive Choice®

CSR Gyprock is proud to be a partner of the National Asthma Council Australia's Sensitive Choice program. Research indicates that 2.3 million Australians suffer from asthma and over 30% of the population has allergies.

The Sensitive Choice program identifies products that are a better choice for asthma, eczema and allergy sufferers. Gyprock Sensitive is a low VOC plasterboard with superior mould resistance that is approved by the Sensitive Choice program as a better choice for asthma and allergy sufferers.

## Product Options

Gyprock Sensitive is available in a 10mm thickness and in 1200mm and 1350mm widths. The long edges are recessed for flush jointing.

For walls, in a horizontal set-out, the 1200mm sheet width suits standard 2400mm ceiling heights and 1350mm suits 2700mm ceiling heights. Both widths are suitable for ceiling installation depending on the size of the area to be covered.

Gyprock Sensitive is predominantly used for residential walls and ceilings where door frames and window reveals are designed for a 10mm internal lining. Gyprock Sensitive also satisfies the requirements of the Building Code of Australia for wet area wall linings. Refer to the Australian Standard AS3740 – Waterproofing of Wet Areas in Residential Buildings for additional requirements.

More information about wet area solutions in homes and products that are a better choice for asthma and allergy sufferers can be found under the [Solutions](#) tab.

## Typical applications:

- Bedrooms
- Living spaces
- Rumpus rooms
- Bathrooms
- Laundries

## Installation

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

- DIY installation guides
- DIY installation videos
- 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
10	1200									
	1350									

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

## Plasterboard Manufacture

Gyprock Sensitive is manufactured to 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 Sensitive 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.

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.

The National Asthma Council's [Sensitive Choice program website](#) has recommendations for paints that are a better choice for asthma and allergy sufferers.

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

Manufacturing Tolerances	
Nominal thickness	10mm ± 0.4mm
Nominal widths	10mm - 1200 ± 3mm
Nominal lengths	From 2400 to 4800mm ± 5mm, typically in 300mm increments
Squareness	Cut ends ± 3mm in the width of the board

Physical Properties	
	10mm
Nominal board weight*	7.8kg/m <sup>2</sup>
Thermal coefficient of Linear Expansion ( )	Plasterboard: = $16.5 \times 10^{-6}$ mm (mm/mm/°C) in the temperature range 4° to 38°C Final length $L_f = L_i(1 + \alpha \Delta T)$
Hygrometric coefficient of expansion ( )	Plasterboard: = $7.2 \times 10^{-6}$ mm/mm/% R.H. (5% - 90% R.H.) Final length $L_f = L_i(1 + \beta \Delta RH)$

Thermal Performance	
	10mm
R Values	0.04 – 0.05 m <sup>2</sup> K/W

Fire Hazard Properties and Combustibility	
	10mm
Fire Hazard assessed to AS/NZS3837 cone calorimeter test	Average Specific Extraction Area (ASEA) <250 m <sup>2</sup> /kg Group Number 1 Report Reference WFR 45759
Combustibility	In accordance with BCA Clause C1.12, Gyprock Sensitive 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 Sensitive is available from the Gyprock website under the [Resources](#) tab.

## Handling

For guidelines on the safe handling of Gyprock Soundchek 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® Sensitive are suitable for the Gyprock Recycling service, where available.



Gyprock® Sensitive 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.



Gyprock® Sensitive is approved by the National Asthma Council Australia's Sensitive Choice® program