

Gyprock® Product Datasheet



Gyprock Soundchek™

Gyprock Soundchek is a high density gypsum plasterboard with increased noise absorption properties for residential and commercial walls and ceilings where superior acoustic resistance is required.

Soundchek provides effective airborne noise and impact noise insulation. Higher levels of noise control can be achieved by including bulk acoustic insulation in the Soundchek wall cavity.

For extreme noise situations where a high degree of impact noise or low frequencies is an issue, Gyprock recommends acoustic systems where the plasterboard is mounted to resilient mounts. This type of system provides effective separation between the wall surface and the frame which dramatically reduces noise that would normally be transmitted.

The dense core of Gyprock Soundchek also gives it a higher level of soft and hard body impact resistance.

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

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

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

Product Options

Gyprock Soundchek is available in 10mm and 13mm thicknesses and in 1350mm and 1200mm sheet widths respectively. The long edges are recessed for flush jointing.

In a horizontal setout, the 1200mm sheet width suits standard 2400mm ceiling heights and 1350mm suits 2700mm ceilings. In commercial applications, plasterboard is often installed vertically to cater for higher ceilings.

Gyprock Soundchek 10mm

Soundchek 10mm is part of Gyprock's Residential Specialty Options range of plasterboards, predominantly used for walls and ceilings in standard installations, where door frames and window reveals are generally designed for a 10mm internal lining.

More information about acoustic solutions in homes can be found under the [Solutions](#) tab.

Typical applications:

- Bedrooms adjoining high traffic areas
- Bathrooms
- Ensuites
- Entertainment and home theatre rooms
- Kitchens and laundries where cupboard door and drawer noise is an issue
- Between floors in multi-storey residences
- Any non-wet area wall or ceiling where a higher level of sound insulation is required

Gyprock Soundchek 13mm

Soundchek 13mm is part of Gyprock's Commercial Select Options range of plasterboards, generally used for acoustic walls in commercial construction where an acoustic rated system is specified.

More information about acoustic solutions in commercial buildings can be found under the [Solutions](#) tab.

Typical applications:

- Meeting rooms and quiet rooms in office buildings
- Intertenancy walls in multi-residential developments
- Patient wards and operating theatres in hospitals
- Acoustic bulkheads and shafts

Installation

Comprehensive installation instructions for Gyprock Soundchek 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
10	1350								
13	1200								

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

Plasterboard Manufacture

Gyprock Soundchek 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 Soundchek 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 \pm 0.4mm, 13mm \pm 0.5mm
Nominal widths	1200 and 1350mm \pm 3mm
Nominal lengths	10mm – 4800mm, 13mm - 3000mm \pm 5mm
Squareness	Cut ends + 3mm in the width of the board

Physical Properties		
	10mm	13mm
Nominal Board Weight*	9.5kg/m ²	13kg/m ²
Thermal Performance - R Values	0.04 – 0.05 m ² K/W	0.04 – 0.07 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 Soundchek 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 Soundchek 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 Soundchek™ are suitable for the Gyprock Recycling service, where available.



Gyprock Soundchek™ 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.