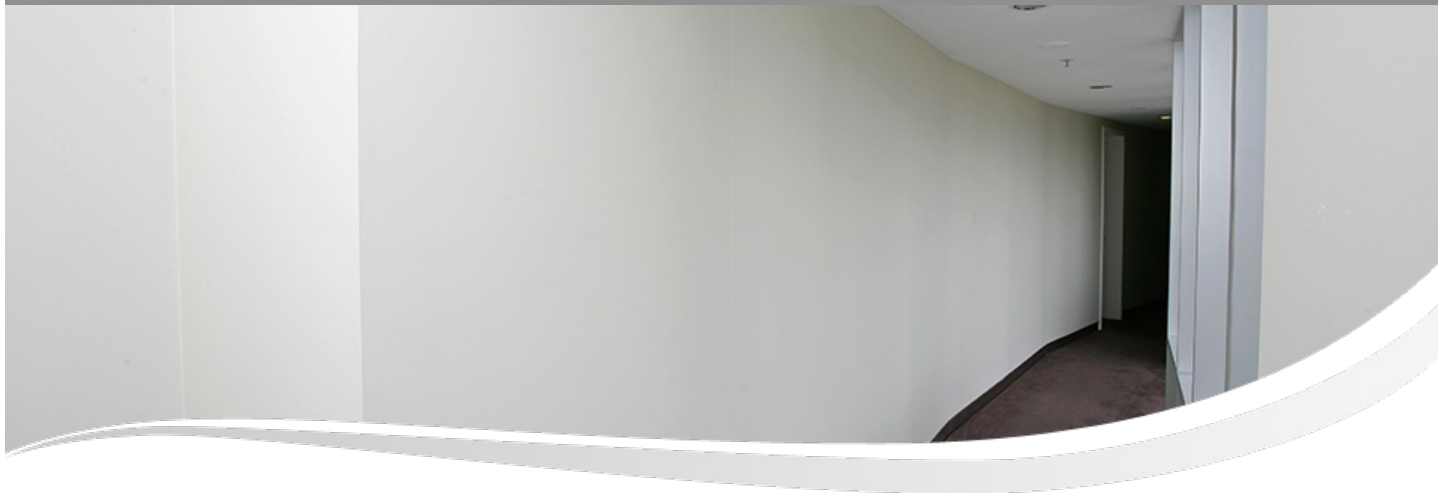


Gyprock® Product Datasheet



Gyprock Fyrchek™

Gyprock Fyrchek is part of Gyprock's Commercial Select range of plasterboards. It is a fire and acoustic grade board with a specially processed glass fibre-reinforced gypsum core for use in fire rated wall and ceiling systems and where improved acoustic performance is required.

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

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

Product Options

Gyprock Fyrchek is available in 13mm and 16mm thickness in 1200mm wide panels of various standard lengths from 2400mm to 3600mm. The long edges are recessed for flush jointing.

Fyrchek is predominantly specified for commercial installations in areas where there is a higher level of fire resistance and/or acoustic performance required.

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

Typical applications:

- Fire separation and smoke walls
- Intertenancy walls and party walls
- Multi-residential unit ceilings
- Lift wells
- Plant rooms
- Any non-wet area wall or ceiling where a fire or acoustic rated system is specified

Installation

Comprehensive installation instructions for Gyprock Fyrchek 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
13	1200									
16	1200									

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

Plasterboard Manufacture

Gyprock Fyrchek 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 plasterboard in conjunction with additional details for Gyprock Fyrchek 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	13mm and 16mm \pm 0.5mm
Nominal widths	1200mm \pm 3mm Special widths can be made to order and in minimum quantities
Nominal lengths	From 2400 to 3600mm \pm 5mm, typically in 300mm increments
Squareness	Cut ends + 3mm in the width of the board

Physical Properties		
	13mm	16mm
Nominal Board Weight*	10.5kg/m ²	12.55kg/m ²
Thermal Performance - R Values	0.05 – 0.07 m ² K/W	0.07 – 0.09 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 Fyrcheck 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 Fyrcheck is available from the Gyprock website under the [Resources](#) tab.

Handling

For guidelines on the safe handling of Gyprock Fyrcheck 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 Fyrcheck™ are suitable for the Gyprock Recycling service, where available.



Gyprock Fyrcheck™ 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.