

Product Data Sheet

Fyrchek™

Gyprock Fyrchek has been developed to take the heat. Fyrchek's specially processed glass fibre-reinforced gypsum core makes it ideal for use in fire rated wall and ceiling systems and where improved acoustic performance is required.

Product Overview

Fyrchek's glass fibre-reinforced core enables it to maintain structural integrity when subjected to direct flame making it an ideal board for use as part of a fire rated wall or ceiling system.

This plasterboard is also an acoustic grade board and can be used in systems where acoustic separation is specified.

Gyprock Fyrchek can be easily identified by its pink coloured face paper.

Typical Applications

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

Typical applications include:

- 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

More information about fire solutions can be found under the **Solutions** tab.



Fire Resistant

Can be used as part of a fire-rated system



Australian Made

Licensed by Australian Made Campaign Ltd



Acoustic Properties

Helps combat sound transmission



25 Year Warranty

Specify and install with confidence

Tested Fire Performance

Gyprock fire rated plasterboard products are manufactured with special additives to enhance their fire resistance properties. The additives slow the progress of heat and flame, and when used as part of a CSR fire rated system, provide performance options suitable for many construction types.

CSR provides a range of wall and ceiling systems, junction and penetration details, which meet and exceed the requirements of the Building Code of Australia. These solutions often include a combination of plasterboard, insulation, sealants and accessories to reach various performance criteria.



Technical Specifications

Product Options

Gyprock Fyrchek is available in the following sizes:

Thickness	13mm 16mm
Widths	1200mm 1350mm
Lengths	2400mm 2700mm 3000mm 3600mm
Edge Profiles	Recessed Edge for regular jointing

Stockholdings of specific sizes may vary in different regions. Click [HERE](#) for a list of stocked sizes in your state

For the latest product availability in your area and to place an order, contact your [nearest supplier](#).

Product Manufacture

Gyprock Fyrchek is manufactured by CSR Gyprock in Australia to stringent product specifications.

Product Handling

Transportation and manual handling: Refer to the [Gypsum Board Manufacturers of Australia \(GBMA\) website](#) for recommended OH&S practices.

Storage: Protect plasterboard and cornice from weather and moisture. Avoid products sagging by storing horizontally, supported on a level platform or full-width support members spaced at max. 600mm centres.

Health and Safety

Safety Data Sheets are important documents in the construction industry and assist in the continuing focus on occupational health and safety on and off sites.

Manufacturing Tolerances

Nominal Thickness	13mm and 16mm \pm 0.5mm
Nominal Widths	1200mm and 1350mm \pm 3mm
Nominal Lengths	From 2400 to 4800 \pm 5mm, typically in 300mm increments
Squareness	Cut ends \pm 3mm in the width of the board

Physical Properties

	13mm	16mm
Nominal Board Weight*	10.5kg/m ²	12.5kg/m ²
Thermal Resistance	0.05 – 0.07 m ² K/W	0.07 – 0.09 m ² K/W
Fire Hazard Properties Δ	Group No = 1 SMOGR _{RC} <100 m ² /s ²	
Combustibility \diamond	Plasterboard may be used wherever a non-combustible material is required.	
Total Recycled Content	9.1%	9.0%

* Subject to reasonable manufacturing variance

Δ In accordance with AS ISO 9705 and AS 5637.1

\diamond In accordance with NCC2022 Vol 1 Clause C2D10(6)(a) and NCC2019 Amdt1 Vol Clause C1.9(e)(i).

Resources

Gyprock makes available **resources** that provide comprehensive selection, design, installation and maintenance guidance.



Australian Made

Licensed by Australian Made Campaign Limited to use the Australian Made Logo.



Manufactured for Life

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



GECA Accredited

Verified by an independent conformity assessment body to meet the environmental, health and social/ethical criteria of the GECA Panel Boards standard.