

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.

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



Acoustic Properties

Helps combat sound transmission



25 Year Warranty

Specify and install with confidence



Fire Resistant

Can be used as part of a fire-rated system

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 Fyrcek is available in the following sizes:

| | |
|---------------|------------------------------------|
| Thickness | 13mm |
| | 16mm |
| Widths | 1200mm |
| | 1350mm |
| Lengths | 2400mm |
| | 2700mm |
| | 3000mm |
| | 3600mm |
| | 4200mm |
| | 4800mm |
| Edge Profiles | Recessed Edge for regular jointing |

Stockholdings may vary. For product availability and to place an order, contact your **nearest supplier**.

Product Manufacture

Gyprock Fyrcek 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 Performance: R-Value | 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) <250m ² /kg Group Number 1 Report Reference WFRA 45759 | |
| Combustibility | In accordance with BCA Clause C1.12, Gyprock Fyrcek may be used wherever a non-combustible material is required by the Code. | |
| Total Recycled Content | 9.1% | 9.0% |

*Subject to reasonable manufacturing variance.

Resources

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



Manufactured for Life

Gyprock 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.



Certified Low VOC

Exceeds the GBCA specification for Volatile Organic Compound content according to independent testing.