

Product Data Sheet

## Fyrchek™ MR

Gyprock Fyrchek MR combines a fire and acoustic grade board with additional moisture resistance to create the ideal lining for fire rated wall and ceiling systems in wet areas.

### Product Overview

Fyrchek MR's glass fibre-reinforced core enables it to maintain structural integrity when subjected to direct flame. The additional moisture resistant properties make it an ideal board for use as part of a fire rated wall or ceiling system in wet areas or application subjected to high humidity.

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

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

### Typical Applications

Fyrchek MR is predominantly specified for commercial installations in areas where there is a higher level of fire and moisture resistance.

It is primarily intended for walls and ceilings in wet area rooms, soffits and external eaves that must achieve fire resistance.

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



#### Moisture Resistant

Suitable for wet areas



#### Acoustic Properties

Helps combat sound transmission

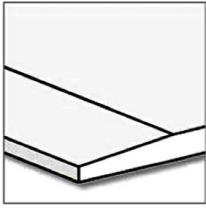


#### Fire Resistant

Can be used as part of a fire-rated system

## Available Edge Profiles

Gyprock Fyrcek MR is available with a recessed edge (RE) profile

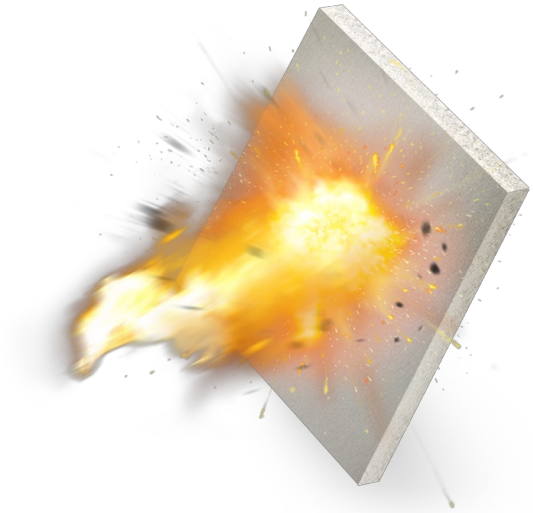


Gyprock Fyrcek MR is available with a recessed edge (RE) profile – both long edges of the board feature a recess that tapers approximately 60mm in from the edge. This is the standard choice of profile for flush jointed systems.

## 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 MR is available in the following sizes:

Thickness	13mm 16mm
Widths	1200mm
Lengths	2700mm 3000mm 3600mm
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 Fyrchek MR 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 $\pm$ 3mm
Nominal Lengths	From 2700 to 3600 $\pm$ 5mm, typically in 300mm increments
Squareness	Cut ends $\pm$ 3mm in the width of the board

### Physical Properties

	13mm	16mm
Nominal Board Weight*	10.8kg/m <sup>2</sup>	12.9kg/m <sup>2</sup>
Thermal Performance: R-Value	0.05 - 0.07 m <sup>2</sup> K/W	0.07 – 0.09 m <sup>2</sup> K/W
Fire Hazard: assessed to AS/NZS3837 cone calorimeter test	Average Specific Extinction Area (ASEA) <250m <sup>2</sup> /kg Group Number 1 Report Reference WFRA 45759	
Combustibility	In accordance with BCA Clause C1.12, Gyprock Fyrchek MR may be used wherever a non-combustible material is required by the Code.	
Total Recycled Content	9.3%	8.4%

\*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.