

# GYPROCK®

Everything else is just plasterboard

# The EC08™ Range

Premium performance with  
maximum recycled content







## High performance environmental credentials

Gyprock EC08™ was the first plasterboard in Australia to be manufactured with high levels of recycled content.

Selected waste by-products from other industries that would otherwise be sent to landfill are included in the manufacturing process. While being an environmentally responsible initiative, these materials also assist in boosting product performance attributes.

The EC08™ range has expanded to include application specific plasterboards that target the higher performance needs of commercial wall, ceiling and shaft systems – all with recycled content of at least 20% and all GECA accredited.



## Good Environmental Choice Australia



In 2008, Gyprock EC08™ with reCore™ technology became the first Australian made plasterboard to be certified by Good Environmental Choice Australia (GECA). In 2014, all boards in the EC08™ range were re-accredited to the latest GECA 04 – 2011 Panel Boards Standard which is compliant with the requirements

of the GBCA's Assessment Framework for product certification schemes.

## Green Building Council of Australia (GBCA)

The GBCA promotes green building programs, technologies, design practices and processes, and operates Australia's only national voluntary comprehensive environmental rating system for buildings – Green Star.

All Gyprock EC08™ plasterboards can contribute to points in the Green Star rating tools. For the most up-to-date information on Green Star, visit [gbca.org.au/green-star](http://gbca.org.au/green-star)



green building council australia  
MEMBER

# Gyprock EC08™ – Green B







Since the introduction of Green Building standards, Gyprock® has led the Australian plasterboard market with the EC08™ range of plasterboards.

The EC08™ range now consists of three plasterboards with specific performance attributes designed for the needs of the Australian Building industry.

Gyprock EC08 Complete, Impact MR and Impact are high performance plasterboards, containing more than 20% recycled content.

All boards in the EC08 range are manufactured to AS2588 – Gypsum plasterboard with a higher level of recycled material and certified by Good Environmental Choice Australia. As a result, Gyprock's EC08 range can contribute to Green Star points without compromising performance.

## The Gyprock EC08™ range

Gyprock EC08™ Plasterboard	 Mould Resistance tested to International Standard	 Impact Resistance tested to Australian Standard	 Fire Rated	 Acoustic Rated	 Moisture Resistance tested to Australian Standard	 High Recycled Content
EC08™ Complete 13mm & 16mm	✓*	✓	✓	✓	✓	✓
EC08™ Impact MR		✓	✓	✓	✓	✓
EC08™ Impact		✓	✓	✓		✓

\* Approved by the National Asthma Council Australia's Sensitive Choice® program

Dandenong Hospital



One Central Park





# Building without compromise



## **Mould Resistance**

For the ultimate in hygiene – ideal for specialised projects such as Health Care, Aged Care and Child Care/ Education, where a much higher level of focus is generally placed on issues of occupant health and comfort.



## **Acoustic Rated**

For better sound insulation – manufactured with a high-density core for superior noise resistance and ideal for use in walls where an acoustic rating is specified.



## **Impact Resistance**

For high traffic areas - specifically designed for both hard and soft body impact applications, making it ideal for hospitals and schools, or any surface exposed to bumps and abrasion.



## **Moisture Resistance**

For wet areas - manufactured around a gypsum core with moisture resistant additives and paper face treatment for a water absorption rate of less than 2.5% over 2 hours (where the industry standard is 5%).



## **Fire Rated**

For fire and smoke walls - satisfies the requirements of the Average Specific Extinction Area standard and achieves a Group 1 rating – the best available.



## **High Recycled Content**

For environmentally responsible construction – Low VOC, GECA accredited and manufactured with high levels of recycled content – ideal for Green Building projects.



## Gyprock EC08™ Complete



**13mm and 16mm board for internal linings where mould, moisture and impact resistance is imperative such as Health Care, Aged Care and Child Care facilities.**

Gyprock EC08™ Complete is a premium, multi-function plasterboard with the highest level of specifications in the EC08™ range. It has been specifically designed to meet the highest standards across a broad range of performance requirements.

This low VOC board is manufactured with a highly effective mould inhibitor to meet the increasing levels of focus on occupant health and comfort in specialised projects such as Health Care, Aged Care and Child Care. Our unique manufacturing process ensures that both the board's surface as well as its core effectively prevent the growth of mould. No other wall lining material available in Australia achieves a better result in the ASTM G-21 test for mould growth than EC08™ Complete.

EC08™ Complete is also moisture resistant with a high level of both soft and hard body impact resistance, making it ideal for wet areas with increased risk of impact. With the added benefit of fire and acoustic ratings, EC08™ Complete delivers on all fronts while still retaining all the proven benefits of Gyprock® Plasterboard that the construction industry respects:

- Australian made for Australian conditions
- Lightweight
- Easy to work with
- Part of a trusted, complete jointed system
- Superior paintability
- Scuff resistant

Gyprock EC08™ Complete is approved by the National Asthma Council Australia's Sensitive Choice® program.



Gyprock EC08™ Complete		
Sizes (13mm & 16mm <sup>^</sup> thick)	13mm x 1200mm wide x 3600mm* 16mm x 1200mm wide x 3000mm*	
	13mm	16mm
Mass	12.4 kg/m <sup>2</sup>	14.8 kg/m <sup>2</sup>
Recycled content	20%	20%
Recyclable	Yes	Yes
VOC level (as per GBCA limits)	Low	Low

<sup>^</sup> 16mm is not stocked as a standard line in all states.

\* Custom sizes available subject to minimum quantities. Lead times may apply.

## Gyprock EC08™ Impact MR



**For internal wet areas where impact resistance is required.**

Gyprock EC08™ Impact MR is a premium plasterboard manufactured with moisture resistant additives within the board's core. The board has also been designed with high levels of both soft and hard body impact resistance and is fire rated, with excellent acoustic performance.

This board is ideal for systems required to satisfy MR wet area requirements in Green Building projects that also require higher levels of impact resistance such as hospital bathrooms, kitchens and laundries.

Gyprock EC08™ Impact MR	
Sizes (13mm thick)	1200mm wide x 2700mm*, 3000mm & 3600mm*
Mass	12.4 kg/m <sup>2</sup>
Recycled content	21%
Recyclable	Yes
VOC level (as per GBCA limits)	Low

\* Custom sizes available subject to minimum quantities. Lead times may apply.

## Gyprock EC08™ Impact



**For corridors and party walls and where impact resistance is imperative.**

Gyprock EC08™ Impact is a premium plasterboard that exhibits excellent impact resistance, is fire rated and has excellent acoustic performance.

The board is specifically designed for both hard and soft body impact applications making it ideal for schools and hospitals where corridors and classrooms are exposed to bumps and abrasion.

Gyprock EC08™ Impact	
Sizes (13mm thick)	1200mm wide x 2700mm*, 3000mm* & 3600mm
Mass	12.1 kg/m <sup>2</sup>
Recycled content	21%
Recyclable	Yes
VOC level (as per GBCA limits)	Low

\* Custom sizes available subject to minimum quantities. Lead times may apply.

## Tested to Australian Standards

Gyprock's manufacturing plants in Australia operate to ISO9001 standards and the consistently high quality of Gyprock® products ensures that Gyprock has continued to lead the Australian plasterboard market for more than 65 years.

All performance characteristics of Gyprock EC08™ plasterboards meet or exceed the stringent Australian Standards requirements. Internal testing to AS2588 is conducted in a CSR, NATA Accredited Laboratory. Independent expert testing authorities are frequently utilised.

The table below summarises the performance standards, test results and the testing parties for each. Detailed test results are available on application.



Board Performance Criteria – 13mm	Standard	Result	Testing Party
Mould Resistance	ATSM G-21	PASS Scored 0 in mould growth in ATSM G-21 test (0 is lowest possible)	Thor Specialties
Impact Resistance	1. Soft body (sand bag) impact damage test (i) 2. BCA C1.8 test for surface indentation	1. Drop height before failure: 275mm Impact energy: 74.2 Joules (ii) 2. PASS BCA Spec C1.8 test for indentation	David Beneke Consulting
Moisture Resistance	AS/NZS 2588:1998 Gypsum Plasterboard, for water resistant plasterboard	PASS AS/NZS 2588:1998 Gypsum Plasterboard, for water resistant plasterboard. Less than 2.5% over 2 hours	CSR Internal Testing in accordance with AS/NZS 2588:1998, note CSR Technical Centre Laboratory is NATA accredited for this test
Fire	AS1530.4	FRL -/120/120 2x13mm each side steel studs, FRL -/180/180 2x16mm each side steel studs.	Exova Warringtonfire Aus Pty Ltd
Fire Hazard Properties	AS/NZS3837 1. Average Specific Extinction Area 2. Group Number	1. ASEA <250 m <sup>2</sup> /kg 2. Group No. 1	Exova Warringtonfire Aus Pty Ltd
Sound Insulation	ASA1276.1	R <sub>w</sub> 47 in a system of 64x0.5 BMT studs with 75mm 14kg/m <sup>3</sup> glasswool batts	PKA Acoustic Consulting
Green Certification	GECA Certification	GECA Certification	CSRG-2011

(i) Note that the maximum allowable drop height and the impact energy is based on a confidence level of one specimen for qualitative comparison purpose only. The result may not represent the true characteristic strength in accordance with AS/NZS1170.0- 2002, Appendix B3 "Prototype Testing".

(ii) The results of impact tests measured in Joules are specific to the test set up and methodology. It is not possible to compare the actual measurement (in Joules) meaningfully with competitive offers as the tests will show unrelated results. Although not a perfect system, a comparison may be able to be achieved by comparing baselines for products such as Fibre Cement and standard plasterboard.

### Manufactured for Life warranty

As with all Gyprock® products, Gyprock EC08™ plasterboards are Manufactured for Life and designed to achieve optimal performance when part of a CSR integrated system. Gyprock continues to lead the market with premium quality products which are the preferred choice of plastering professionals.

Full warranty details can be found at [www.gyprock.com.au/warranty](http://www.gyprock.com.au/warranty).



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For more information about the Gyprock® Gyprock EC08™, call 1300 306 556 or visit [gyprock.com.au](http://gyprock.com.au)

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