



Product Data Sheet

## EC08™ Impact

Gyprock EC08 Impact is a premium high-strength 13mm thick plasterboard with a reinforced core for high levels of impact resistance. It is manufactured with high levels of recycled content making it ideal for commercial green building projects.

### Product Overview

EC08 Impact is manufactured with a dense, fibre-reinforced core meaning in addition to its superior impact resistance, it is also fire rated and provides excellent acoustic performance.

All boards in the EC08 range contain high levels of recycled content and are manufactured to AS/NZS 2588 – Gypsum Plasterboard.

### Typical Applications:

EC08 Impact is predominantly specified as a wall lining for commercial green building projects where a higher level of impact resistance is required and high levels of recycled content are desired. This includes areas such as hospital corridors and school classrooms.

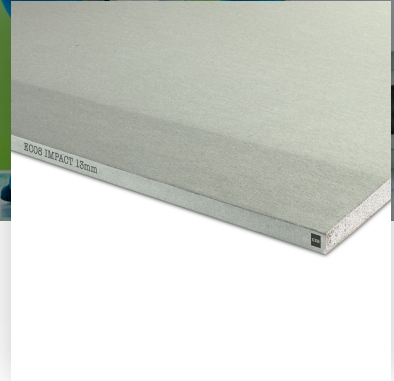
### Tested Impact Performance

Gyprock impact resistant plasterboard products are manufactured with a heavier lining paper, and special additives to enhance the durability of their core. Typically, these products can withstand twice the discernible force of regular plasterboard products, making them ideal for high traffic areas.

#### Hard body impact

Hard body impact is assessed by dropping a 50mm steel ball onto the plasterboard surface from increasing heights.

#### Soft body impact



#### Impact Resistant

Reduces damage from soft and hard body impact



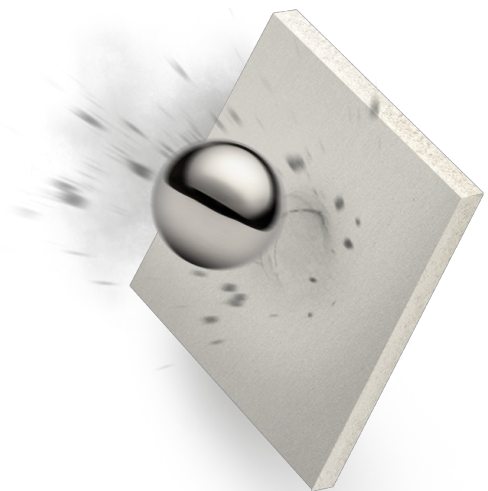
#### Acoustic Properties

Helps combat sound transmission



#### Fire-rated

Can be used as part of a fire-rated system



Soft body impact testing sees a weighted bag swung on a pendulum, striking the plasterboard surface.

## Technical Specifications

### Product Options

Gyprock EC08 Impact is available in the following sizes:

Thickness	13mm
Widths	1200mm
Lengths	3000mm 3600mm
Edge Profiles	Recessed Edge for regular jointing

Stockholdings of specific sizes may vary in different regions. For the latest product availability in your area and to place an order, contact your **nearest supplier**.

### Product Manufacture

Gyprock EC08 Impact 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 ± 0.5mm
Nominal Widths	1200mm ± 3mm
Nominal Lengths	3000mm and 3600mm ± 5mm
Squareness	Cut ends + 3mm in the width of the board

### Physical Properties

Nominal Board Weight*	12.1kg/m <sup>2</sup>
VOC Level (as per GBCA limits)	Low
Thermal Performance: R-Value	0.05 – 0.07 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 EC08 Impact may be used wherever a non-combustible material is required by the Code.
Total Recycled Content	21.8%

\*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.