

# GYPROCK®

Everything else is just plasterboard

# GYPROCK Plus™

The new standard in residential 10mm plasterboard

WITH

OPTIMISED  
**CORE™**



The secret to a  
**stronger, lighter board**

CSR

# Gyprock Plus™

## The new standard in residential 10mm plasterboard

Gyprock revolutionised the Australian plasterboard market in 1992 with the introduction of Controlled Density technology (CD) which provided dramatic improvements to plasterboard performance and set a new benchmark for standard plasterboards across the industry.

Optimised Core™ technology is the next major advancement for Gyprock, providing the means to reduce board weight while improving breaking strength, without compromising performance to Australian standards.



### Product benefits

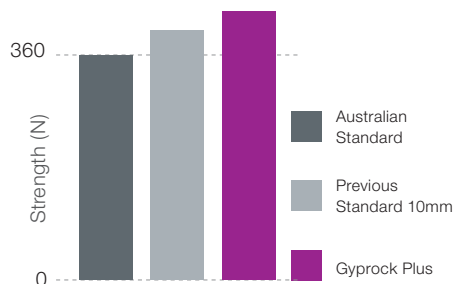
Gyprock Plus is the latest plasterboard to benefit from Optimised Core technology and thicker face paper, delivering substantial performance and handling benefits compared to the previous standard 10mm plasterboard:

- Stronger – more robust with better breaking strength for improved handling and installed performance
- Lighter – easier to lift for better sheet manoeuvrability and improved flex
- Significantly improved score and snap – for crisp edges and cleaner cuts

### Key Features

#### Stronger

Gyprock Plus provides 7.5% greater machine-direction breaking strength than the previous standard 10mm plasterboard, with improved production consistency.



Testing performed at the CSR National Research Centre – a NATA accredited test facility.

#### Lighter

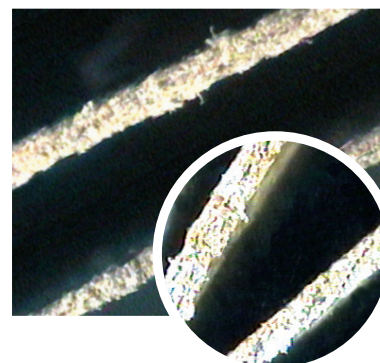
While the strength has been improved, the weight of Gyprock Plus has been optimised, making it easier to lift, carry and install.

OLD GYPROCK STANDARD 10MM	GYPROCK PLUS 10MM
6.5kg/m <sup>2</sup>	→ 5.7kg/m <sup>2</sup>



#### Thicker face paper

Gyprock Plus is lined with a superior face paper, approximately 30% heavier than standard. The thicker face paper contributes to the strength of the board and produces a crisper score and snap experience, for cleaner cuts and squarer edges.



# The new look Gyprock range

The replacement of Gyprock standard 10mm with Gyprock Plus along with other recent improvements has led to a reorganisation of the overall Gyprock range.

The new look, simplified range more closely follows the plasterboard market split between Residential and Commercial applications. Each sector has two classifications:

- Select Range – Gyprock plasterboards that are recommended for use in the majority of non-specialist applications
- Speciality Options – Gyprock plasterboards recommended for use in wall and ceiling systems where higher levels of performance are specified



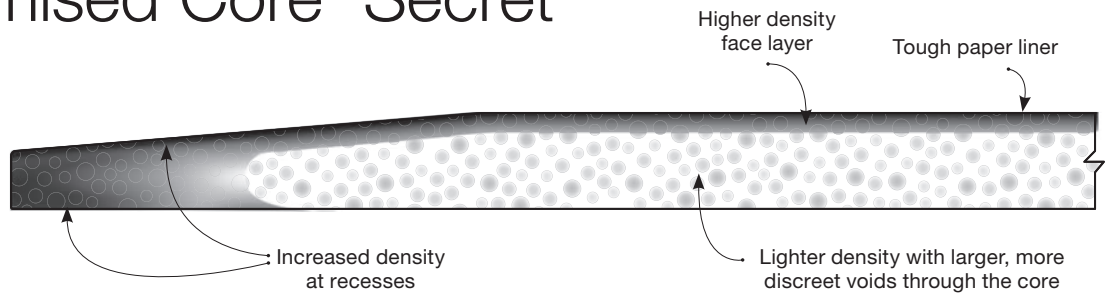
SELECT RANGE		SPECIALITY OPTIONS
RESIDENTIAL SOLUTIONS	Gyprock Plus™ 10mm	Gyprock Soundchek™
	Gyprock Supaceil™	Gyprock Superchek™
	Gyprock Aquachek™	Gyprock® Sensitive
COMMERCIAL SOLUTIONS	Gyprock® Standard 13mm	Gyprock EC08™ Impact
	Gyprock Aquachek™	Gyprock EC08™ Impact MR
	Gyprock Soundchek™	Gyprock EC08™ Complete
	Gyprock Impactchek™	Gyprock® Shaft Liner Panels
	Gyprock Fyrchek™	Gyprock® Perforated Plasterboard
	Gyprock Fyrchek™ MR	Gyprock® Flexible Plasterboard

To confirm product availability, please check with your local Gyprock supplier.



# The Optimised Core™ Secret

**OPTIMISED  
CORE™**



Plasterboard is made by first mixing a plaster slurry with a generated foaming agent to create a mix which is wrapped in a heavy-duty liner paper and then oven dried.

Optimised Core technology manipulates the characteristics of the plaster mix to achieve an optimised performance-to-weight ratio.

The requirement for strength in a plasterboard lining material is not uniform throughout and therefore more complicated to achieve with reduced density. For example, there is a difference between the strength required at the face of a plasterboard, to that needed at centre of the core. Recesses also need a different level of strength to cater for fasteners, providing bracing strength and to prevent breakage during lifting.

For manoeuvrability and handling, plasterboard needs to be able to bend without breaking and not be brittle. It needs to be easy to score and snap, with clean cuts and square edges.

Creating this optimised structure is achieved through the tightly controlled chemical and mechanical processes of Optimised Core technology.

The structure of the core is manipulated to meet strength requirements by focusing density where it is needed, while removing weight by a reduction in density at the core.

The stronger, thicker face paper assists with bending strength and helps to ensure a crisper score and snap.

The end result is a stronger, lighter plasterboard with better manoeuvrability, lifting and handling.

## Manufactured for Life warranty

As with all Gyprock® products, Gyprock plasterboards that feature Optimised Core technology 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).



**Australian made and owned**

**For more information about Gyprock Plus™, Optimised Core™ technology and all other Gyprock products call 1300 306 556 or visit [gyprock.com.au](http://gyprock.com.au)**

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Triniti 3, 39 Delhi Road, North Ryde, NSW 2113, Australia  
CSR Building Products ABN 55 008 631 356

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