

# Gyprock® Product Datasheet



## Gyprock® Pre-Mixed Total Joint Cement

Gyprock Pre-Mixed Total Joint Cement is a heavyweight all-purpose compound available in a pre-mixed form.

It is a low VOC compound manufactured by Gyprock in Australia to stringent product specifications and packed in a red coloured bucket.



### Topping coat or all coats

Total Joint Cement can be used for each coat in a three coat plasterboard jointing system or as a finishing coat only. When used as a base and second coat, it provides excellent tape adhesion. This compound can also be used to repair damage.



### Hand and Machine Tool Applied

Total Joint Cement is easy to apply with hand tools as well as mechanical tools.

## Product Options

Total Joint Cement is available in a 15kg pre-mixed pail.

## Application

### Hand Tools

### Bedding Coat

1. Fill recess evenly and fully with compound.
2. Bed in Gyprock Perforated Paper Tape centrally over the joint and cover lightly with compound. Apply at least 1mm thickness of compound under the tape.
3. Bed tapes to butt joints and internal corner angles.
4. Cover all metal corner beads and fastener heads.
5. Allow compound to dry and harden for approximately 24 hours (depending on atmospheric conditions) before recoating.

### Second Coat

1. Apply a second coat of compound to:
  - a. Recessed edge joints to a width of about 180mm.
  - b. Butt joints to a width of about 400mm.
  - c. Metal corner beads to a width of about 200mm.
  - d. Fastener heads.
2. Again, allow adequate drying time before recoating.

## Finishing Coat

1. Apply a thin topping coat wide enough to conceal the previously coated joint. Soften the outer edges of the newly trowelled compound with a damp brush before feathering the edges with a trowel.
2. Cover previously coated fastener heads, overlapping about 25mm.

## Machine Tools

Apply a first coat and bed in paper tape, ensuring the recess is evenly covered. Apply a second coat of Pre-mixed Total Joint Cement using a 200mm finishing box. Apply a topping coat (if applicable) of Total Joint Cement using a 250mm or 300mm finishing box, allowing adequate drying between coats.

## More Installation Assistance

Comprehensive installation instructions for Gyprock plasterboard and compounds can be found under the [Resources](#) tab and include:

- [DIY installation guides](#)
- [DIY installation videos](#)
- [Professional installation guides](#)

For assistance with installation, try searching for a Gyprock plasterer, builder or repairer under the [Locations](#) tab.

Product Availability				
Weight	Pack	Coverage-Approx Qty/100m <sup>2</sup>		Shelf Life
		Tape & Second Coat	Topping Coat	
15kg (approx. 9L)	Red pail	18L	6L	1 year from manufacture

To confirm product availability, please check with your local [Gyprock supplier](#), or contact [Gyprock customer service](#)

## Product Manufacture

Gyprock Pre-mixed Total Joint Cement is manufactured by Gyprock in Australia to stringent product specifications.

## Plasterboard Installation

AS/NZS2589: Gypsum linings – Application and Finishing outlines the procedures for jointing and finishing of Gyprock plasterboard in conjunction with additional details contained in Gyprock Technical Literature.

## Levels of Finish

A Level of Finish sets out the minimum specifications for installation processes from framing preparation to painting and decoration. The levels are defined in AS/NZS 2589.1, and are intended to provide builders, installers and homeowners with defined methods and practices necessary to meet expectations in terms of the Level of Finish.

The level of finish should be specified prior to construction as it can be affected at different stages of construction and tolerances must be adhered to:

- Frame construction
- Plasterboard fixing and backblocking
- Plasterboard jointing and setting

A Level 3 Finish is for areas that do not require painting and decoration such as above ceilings and inside service shafts.

A Level 4 Finish is the generally accepted level for domestic construction

A level 5 Finish should be specified wherever gloss, semi-gloss or dark coloured paints are to be used, or where critical glancing light conditions are likely.

More information on Levels of Finish can be found in the [Gyprock Residential Installation Guide](#)

# Painting and Decoration

Finishes applied to plasterboard surfaces can have a significant effect on the perceived quality of the installation, particularly where critical lighting conditions exist.

- Textured or heavy patterned finishes tend to hide imperfections
- Matt finishes minimise imperfection visibility
- Semi-gloss and gloss finishes highlight imperfections
- Light colours are less likely to show imperfections and impact damage

Gyprock recommends paint systems consisting of one coat of a plasterboard sealer followed by two coats of finishing paint. Always follow the manufacturer's instructions for application and recoating.

Gyprock recommends decoration in line with [Master Painters Australia](#).

Physical and chemical properties	
Specific gravity (H <sub>2</sub> O=1)	1.6 – 2.0
VOC content (as specified by GBCA)	<10 grams per Litre as VOC content per material

Ingredients
Calcium Carbonate
Clay
Ethylene vinyl acetate polymer emulsion

## Material Safety

### MSDS

A [Material Safety Data Sheet](#) for Gyprock Pre-mixed Total Joint Cement is available from the Gyprock website under the [Resources](#) tab.

### Handling and storage

For guidelines on the safe handling of Gyprock products, reference should be made to the Gypsum Board Manufacturers of Australasia (GBMA) publication *"Move it the GBMA Way – A Safe Manual Handling Guide for the Plasterboard Industry – Training Guide"* (Reference SS172).

This product should be stored in its factory packaging in a dry area.



Gyprock products are manufactured for life with all CSR products designed to achieve optimal performance when part of a CSR integrated system



**Low VOC**

All Gyprock jointing products exceed the GBCA specification for Volatile Organic Compound content according to independent testing. Test certificates are available under the [Resources](#) tab.



Gyprock® Pre-Mixed Total Joint Cement is accredited to the GECA AFSv4.0-2014 Adhesives, Fillers & Sealants Standard which is compliant with the requirements of the GBCA's Assessment Framework for product certification schemes.