

Gyprock® Product Datasheet



Gyprock® Back Blocking Cement

Gyprock Back Blocking Cement is a specially formulated plaster-based cement for reinforcing Gyprock plasterboard joints where there is no framing support.

Back blocking is the process of applying a support behind an otherwise unsupported joint.

When used as required, this product will minimise the risk of joint cracking or distortion. It has a 2 hour working life.

Gyprock Back Blocking Cement is a low VOC compound manufactured by Gyprock in Australia to stringent product specifications and packed in a purple coloured bag.



Superior Adhesion

Gyprock Back Blocking Cement provides high strength and strong adhesion.



Defined Setting Time

Back Blocking Cement is a setting type compound rather than a drying type with a working life of about 120 minutes.



Easy Application

Gyprock Back Blocking Cement is easy to mix and is applied with a notched trowel.

Apply cement to the entire face of back blocks of at least 200mm width and long enough to loosely fit between framing members.

Back blocks must be cemented in position before the joints are finished.

Detailed application instructions can be found on the Gyprock Back Blocking Cement pack and in the Gyprock Residential Installation Guide – available from the Gyprock website under the [Resources](#) tab.

Product Options

Gyprock Back Blocking Cement is available as a dry powder in a 20kg bag.

More Installation Assistance

Refer to AS/NZS2589:2007 or the [Gyprock Residential Installation Guide](#) for details on where back blocking is required on butt joints and recessed joints on walls and ceilings.

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	Shelf Life
20kg	Purple bag	1 year from manufacture

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

Product Manufacture

Gyprock Back Blocking 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.

Framing

Materials

Gyprock plasterboard may be fixed to timber or metal framing and masonry materials which conform to standards specified by the appropriate government building authorities.

All timber framing shall be in accordance with AS1684 – Residential Timber Framed Construction or AS1720.1 – Timber Structures.

Metal framing shall be in accordance with AS/NZS4600 or AS3623, as applicable.

Gyprock plasterboard may be fixed direct to structural metal ceiling framing not exceeding 1.6mm thickness.

Brick or block masonry surfaces which comply with AS3700 can be sheeted with Gyprock plasterboard adhered directly to the wall with Gyprock Masonry Adhesive. Alternatively, these surfaces may have a furring system applied in accordance with AS1684, and fixed in accordance with the appropriate Gyprock system.

Preparation

The fixing of Gyprock plasterboard linings is deemed to be acceptance of the substrate.

Substrate members which are to support a joint shall have a minimum flat fixing face width of 35mm for timber or 32mm for steel, to enable adequate fixing of the plasterboard. All other substrate members are not to be less than 30mm width.

All substrate members are to be straight and suitable for the application of Gyprock plasterboard. Noggings must not protrude to interfere with the linings and should preferably be set back from the line of studs.

The deviation in the alignment of the bearing surface(s) shall not exceed the tolerances given in Table 2 when measured with a straight edge over a span of 1800mm along individual members or across adjacent members.

NOTE: A minimum of 90% of all framing shall be in accordance with the appropriate tolerance specified. The remaining 10% (maximum) of framing shall be within +1mm of the allowable deviation.

Where the alignment of the fixing surface plane falls outside the appropriate tolerance, a suitable levelling system is to be used. Where the alignment of the bottom chords of roof members fall outside the appropriate specification, a metal furring channel system on sliding clip fixings can be used to enable the levelling of the ceiling support plane. Refer to the [Gyprock Residential Installation Guide](#) and [Gyprock Ceiling Systems Installation Guide](#), available from the Gyprock website under the [Resources](#) tab for detailed information.

Trimmers are to be provided in the part of the ceiling framing system where primary support members change direction within a room. All openings are to be framed.

Where battens are used, they are to be selected and applied in accordance with AS1684, and maximum spacings are to be in accordance with recommendations in the [Gyprock Residential Installation Guide](#).

Gyprock plasterboard may be fixed directly over existing linings if they are firm, sound and suitably straight for the 'Level of Finish' chosen. 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.

Physical and chemical properties	
Specific gravity (H ₂ O=1)	2.3-2.4
VOC content (as specified by GBCA)	< 10 grams per Litre as VOC content per material

Ingredients	
Calcium Sulphate	
Calcium Carbonate	
Calcium Hydroxide	
Talc	

Material Safety

MSDS

A [Material Safety Data Sheet](#) for Gyprock Back Blocking 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.



GYP-2014
AFSv4.0-2014
Adhesives, Fillers & Sealants

Gyprock® Back Blocking 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.