Gyprock® Product Datasheet

Gyprock® Base Coat 20

Gyprock Base Coat 20 is a specially formulated base compound used for the first and second coat in a three coat plasterboard jointing system. Joints may be finished with any Gyprock topping or all-purpose compound and sanded smooth prior to decoration.

It is also suitable for patching holes and defects in interior surfaces of plasterboard, fibre cement, timber or masonry.

Base Coat 20 is a low VOC dry powder compound, manufactured by Gyprock in Australia to stringent product specifications and is packed in a red coloured bag.

First and Second Coats

The formulation of Base Coat 20 makes it easy to trowel and feather edges.

Rapid Setting

Base Coat 20 is a setting compound not an evaporative drying type, providing superior tape adhesion and joint strength. It has a defined working life of approximately 20 minutes after mixing, allowing subsequent coating on the same day.

Hand Tool Applied

Base Coat 20 is easy to apply with excellent spreadability for hand tools.

Product Options

Gyprock Base Coat 20 is available in dry powder form in a 10kg bag.

Application

First 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. Apply at least 1mm thickness of compound under the tape.
4. Cover all metal corner beads and fastener heads.
5. Allow compound to set and harden for at least 30 minutes before recoating.

Second Coat

1. Apply a second coat of Gyprock Base Coat 20 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.
e. Patched areas

2. Allow compound to set and harden for at least 30 minutes before recoating. Ideally, the joint should be fully dry before the final coat is applied.

Third Coat

Apply a thin final coat of any Gyprock topping or all-purpose compound. Allow approximately 24 hours for it to dry, then sand to a smooth finish using 180 grit sandpaper or 220 grit sanding mesh.

Patching Coat

1. Fill holes and indentations fully. Use a thicker mix for deep filling.

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^2	Shelf Life
10kg	Red bag	16kg	1 year from manufacture

To confirm product availability, please check with your local Gyprock supplier, or contact Gyprock customer service

Product Manufacture

Gyprock Base Coat 20 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_{20}=1)	2.3-2.4
VOC content (as specified by GBCA)	<10 grams per Litre as VOC content per material

Ingredients
Calcium Sulphate hemihydrate
Calcium Carbonate
Mica
Talc
Calcium Hydroxide

Material Safety

MSDS

A Material Safety Data Sheet for Gyprock Base Coat 20 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 GMBA 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

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® Base Coat 20 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.