

Gyproc® Regular Ceiling Plasterboard

Technical & Safety Datasheet

Gyproc® Regular Ceilings Plasterboard

Technical Datasheet



Introduction

Characteristics

A regular plasterboard specially designed for ceiling applications with sag resistant properties. Gyproc® Regular Ceiling Plasterboard consists of an aerated gypsum core encased in, and firmly bonded to, strong paper liners.

Applications

Gyproc® Regular Ceiling Plasterboard is primarily designed for Gyproc ceiling systems.

Gyproc® Regular Ceiling Board is not tested for fire or acoustic applications, but may be used on partitions and linings where no specific fire or acoustic performance is required.

Board colour

- Ivory face paper
- Brown reverse side paper

Board printing

Reverse - Standards, date, board dimensions, edge type, company name & logo.

Board range

Kg/m² = 7.8 R (m²K/W) = 0.05

Thickness mm	Width mm	Length mm*	Edge Type
12.5	1200	2400	Tapered Edge

*Other lengths available upon request.

Finishing

Board edge types

T/E - with Gyproc® jointing materials for tapered and filled joints.

Jointing

Gyproc® jointing materials produce durable joint reinforcement and a smooth, continuous, crack-resistant surface ready for priming and final decoration. A number of jointing specifications are available to suit the board type, method of application, and site preference.

Decoration

After the joint treatment has dried, decoration, including any decorator's preparatory work should follow.

Repair

Minor damage - Lightly sand the surface to remove burrs and fill flush with two applications of Gyproc® Jointing Compound. When dry, decoration including any decorator's preparatory work should follow.

Deep indents resulting from impact - Check the plasterboard core to ensure that it is not shattered. If intact, apply a coat of Gyproc® Jointing Compound followed by the procedure for repairing minor damage once set/dry.

Damaged core and/or broken edges - Remove the damaged area of core. Score the liner approximately 10mm away from the undamaged core around the damaged area, and peel the paper liner away. Apply PVA to seal the core and surrounding liner. Bulk fill the hole with Gyproc® Jointing Compound and strike off flush. Once the filler is set/dry, follow the procedure for repairing minor damage.

Extensive damage - When the damage is more extensive, it may be necessary to replace that area of plasterboard. It is important that the replacement board is of the same type as specified and installed. Cut out the affected area back to the nearest framing member.

Replace the plasterboard, accurately cutting and screw fixing the same type and thickness of plasterboard. Fill edge joints, then tape using Gyproc® Jointing Tapes and finish in the recommended way. When dry, decoration including any decorator's preparatory work should follow.

Standards

EN 520: 2004 +A1: 2009 Gypsum Plasterboards, definitions, requirements and test methods

Type A: Gypsum plasterboard

Classified without further testing as A2-s1, d0.

Gyproc® Regular Ceilings Plasterboard Technical Datasheet



Board Performance

Effect of temperature

Gyproc® Regular ceiling plasterboard is unsuitable for use in areas subject to continuously damp or humid conditions and must not be used to isolate dampness.

Plasterboards are not recommended to be stored in temperature above 49°C for prolonged period but can be subjected to freezing condition without risk of damage.

Effect of condensation

The designers should take care to eliminate all possibility of problems caused by humidity and condensation.

Installation

General

It is important to observe appropriate health and safety legislation when working on site i.e. personal protective clothing and equipment, etc. The following notes are intended as general guidance only. In practice, consideration must be given to design criteria requiring specific project solutions.

Handling

Manual offloading of this product should be carried out with care to avoid unnecessary strain. For further information please refer to the Manual Handling section of the Middle East WHITE BOOK.

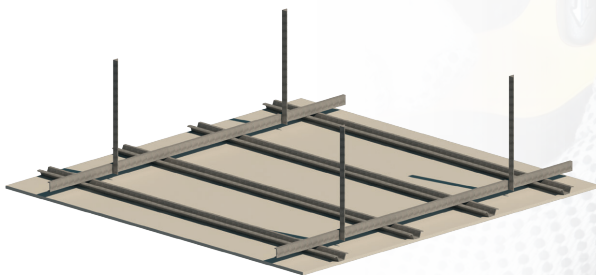
Cutting

This product may be cut using a plasterboard saw or by scoring with a sharp knife and snapping the board over a straight edge. Holes for switch or socket boxes should be cut out before the boards are fixed using a utility saw or sharp knife. When cutting boards, power and hand tools should be used with care and in accordance with the manufacturers' recommendations. Power tools should only be used by people who have been instructed and trained to use them safely. Appropriate personal protective equipment should be used.

Fixing

Fix boards with decorative side out to receive joint treatment or a skim plaster finish. Lightly butt boards together. Never force boards into position. Install fixings not closer than 13mm from cut edges and 10mm from bound edges. Position cut edges to internal angles whenever possible, removing paper burrs with fine sandpaper. Locate boards to the centre line of framing where this supports board edges or ends.

For further information on installation please contact Gyproc Technical support.



Gyproc® Regular Ceilings Plasterboard

Material Safety Datasheet



1. Identification of the substances/ preparation and company

Gyproc® Regular Ceiling Plasterboard

Supplier Saint-Gobain Gyproc Emirates Industries LLC
ICAD 1, Mussafah
Abu Dhabi
United Arab Emirates
P.O. Box 38983

Free Phone: +971 800 GYPROC (497762)

2. Composition / information on ingredients

Aerated gypsum core (calcium sulphate dihydrate) encased in and firmly bonded to strong paperliners. Constituents may include minor amounts of starch, boric acid, foaming agent and dispersing agent additives.

Any board may contain small quantities of chopped man-made mineral fibre and microsilica.

Certified as Asbestos free.

3. Hazards identification

THE MOST IMPORTANT HAZARDS ARE:

These products are not classified as dangerous according to CLP. Dust from sawing or sanding may irritate the respiratory system, skin and eyes

4. First aid measures

Eye contact	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice/attention.
Skin contact	P264 - Wash hands thoroughly after handling.
Ingestion	P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Inhalation	P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
General	Get medical attention if any symptoms persist.

5. Fire fighting measures

The product does not pose a fire hazard. However, some packaging materials or facings may burn.

Suitable extinguishing media - water, foam, carbon dioxide or dry powder.

6. Accidental release measures

Not applicable.

7. Handling and storage

Use – Minimise dust generation when sawing or sanding in poorly ventilated places. Avoid eye contact - see Section 8 for recommended personal protective equipment, and Section 3 for hazards identification.

Plasterboards will not support body weight in between rafters, joints or frame members.

Manual handling – Sheets of plasterboard can be unwieldy, use an appropriate lifting technique. The weight of each sheet can vary between products. For manual handling purposes assume the following:

Gyproc® Regular Ceiling Plasterboard

Product	Board thickness mm	Board width mm	Board length mm	Board weight kg	Pallet weight kg
Gyproc® Regular Ceiling Plasterboard	12.5	1200	2400	22.46	2,029 (88 boards per pallet)

NB: All weights are approximate.

Mechanical handling – The dimensions of the pallet vary depending on the product size. To avoid potentially overloading a lift truck, it is important that any effect on load centres is considered. The nominal weight of each palletised load is given within the weights table in this section of this document.

Storage - Store on pallets supplied in dry conditions. To maintain stability place pallets on firm level ground and ensure that stacks are both level and vertical.

NB: When working with individual boards, only work from a single pallet, not a stack.

Pallet stacking heights

The maximum stack heights on level concrete on level concrete floors and vertical stacks are as follows:

Board width mm	Board length mm	Pallet stack height packs
1200	2400	6

Gyproc® Regular Ceilings Plasterboard

Material Safety Datasheet



8. Exposure control / personal protection

Workplace exposure limit

Substance	Total inhalable	Respirable
Plaster	10mg/m ³ 8hr TWA	4mg/m ³ 8hr TWA
Quartz (silica)	—	0.1mg/m ³ 8hr TWA
Man Made Mineral Fibres (MMMMF)	5mg/m ³ 8hr TWA (gravimetric method)	-

Personal protection

Respiratory	P284 Use only in well ventilated areas. Wear eye / face protection. Face masks to EN 149 FFP2.
Skin	P303 Wear suitable protective clothing.
Eye	P305 / P313 Wear eye / face protection. Eye protection to BS EN 166.

9. Physical and chemical properties

Appearance Flat sheet boards with a tapered edge.

10. Stability and reactivity

No special physical conditions need to be avoided. No specific restrictions regarding incompatible materials.

11. Toxicology information

No known toxicological effects.

12. Ecological information

Stable product with no known adverse environmental effects.

13. Disposal consideration

Wastes from gypsum products are normally classified as 'non-hazardous' but should not be co-disposed with municipal waste. Dispose at an authorized landfill site in accordance with the local waste management regulation.

14. Transport information

Not classified as hazardous for transportation.

15. Regulatory information

Not classified under the CLP regulations.

16. Other information

Control of Substances Hazardous to Health Regulations (COSHH)
The Manual Handling Operations Regulations
HSE Guidance Note EH40: Workplace Exposure Limits
Gypsum Wastes – Environment Agency Information Sheet
Gyproc Middle East WHITE BOOK
Gyproc Middle East website: www.gyproc.ae

Note to user: This Safety Data Sheet does not constitute a workplace risk assessment for COSHH.

There are a number of situations where the approach to manual handling of Gyproc® products should be considered. For further guidance, please refer to the Manual Handling Section of The White Book, available to download from www.gyproc.ae



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