

Gyproc Plasterboard Adhesive

Technical Datasheet



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INTRODUCTION

Characteristics

Gyproc Plasterboard Adhesive is a gypsum based powder adhesive that is mixed with clean water and is used to bond Gyproc plasterboards to solid brick, block, sand and cement backgrounds. Gyproc Plasterboard Adhesive is available in 30kg laminated polypropylene bags.

Applications

It is used to bond a range of Gyproc plasterboards to many different types of background surfaces, providing a smooth crack free surface with a small cavity allowing for electrical and small pipes.

Gyproc Plasterboard Adhesive is not suitable for substrates exposed to moisture or for fixing plasterboards to ceilings.

EFFECT OF TEMPERATURE, STORAGE AND SHELF LIFE

Effect of Temperature

Gyproc Plasterboard Adhesive is unsuitable for use in areas subject to continuously damp or humid conditions and must not be used to isolate dampness. Temperatures should be maintained at or above 2°C until thoroughly dry.

Product should not be exposed to temperatures above 49°C for prolonged periods.

Storage and shelf life

Gyproc Plasterboard Adhesive should be stored in a dry and shaded condition, raised off damp floors and away from direct sunlight.

Gyproc Plasterboard Adhesive stored correctly has a shelf life of approximately 6 months. The gross weight of the bag should be assumed to be 30kg for manual handling purposes.

APPLICABLE STANDARDS

Gyproc Plasterboard Adhesive conforms to the following standard:

BS EN 14496:2005 Gypsum based adhesives for thermal/acoustic insulation composite panels and plasterboards. Definitions, requirements and test methods.

GUIDANCE FOR USE

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.

Background Preparation

Surfaces should be free from dust, oil and other contaminants. Where the background is very dry, lightly wet the surface before application.

Mixing

When preparing Gyproc Plasterboard Adhesive, ensure product is mixed with clean water using clean containers and tools. Contamination from previous

mixes can shorten the setting time and in turn reduce the strength of the adhesive when set.

Tools should be washed with clean water, directly after use.

Do not mix with other materials like sand, cement, limestone etc.

Application Time

Gyproc Plasterboard Adhesive mixed with water has a typical working time of 60 minutes.

Handling

Manual off-loading 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 which can be downloaded from www.gyproc.ae.

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PREPARATION AND APPLICATION

1



Add 10kg of Gyproc Plasterboard Adhesive gradually to 3.2 litres of clean water in a clean bucket. Leave for approximately 3 minutes before mixing well.

2



Mix until a smooth consistency is achieved. Best mixed using a power mixing tool at low speed, max 200rpm.

3



Trowel apply adhesive to form dabs 50mm to 75mm wide and about 250mm long. Position dabs of Gyproc Plasterboard Adhesive in three vertical rows to receive the first board. Apply a continuous band of Gyproc Plasterboard Adhesive at skirting level.

4



Position the plasterboard in place, tapping the board back firmly using a straight-edge until it aligns with the ceiling and floor chalk lines.

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Health & Safety Datasheet

HEALTH AND SAFETY

1. Identification of the substances/preparation and company

Gyproc Plasterboard Adhesive

Supplier

Saint-Gobain Gyproc Emirates Industries LLC
ICAD1, Mussafah, Abu Dhabi, UAE
P.O. Box 38983
Toll Free Phone: 800 GYPROC (497762)

Recommended uses: Gyproc Plasterboard Adhesive is a bonding agent used to line bricks, blocks, concrete or sand and cement rendered walls with Gyproc plasterboards.

2. Composition/information on ingredients

Calcium carbonate. Natural constituents may include minor amounts of quartz.

3. Hazards identification

The product is not classified as dangerous according to CLP regulation. Powder or dust may irritate the respiratory system, skin and eyes.

4. First aid measures

Eye contact	Rinse opened eye for several minutes under running water. Rinse liquid should be tempered (20-30°C).
Skin contact	Generally the product does not irritate the skin
Ingestion	If symptoms persist consult a doctor.
Inhalation	Supply fresh air; consult doctor in case of complaints
General	No special measures required. Remove the victim immediately from the danger area. If the patient is unwell consult a doctor

5. Fire fighting measures

The products do not pose a fire hazard. However, some packaging materials may burn.
Suitable extinguishing media - water, foam, carbon dioxide or dry powder.

6. Accidental release measures

Methods and material for containment and cleaning up: Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Manual handling - Bags of Gyproc Plasterboard Adhesive can be unwieldy, use an appropriate lifting technique.

Storage - Store Gyproc Plasterboard Adhesive as supplied in dry conditions. To maintain stability, place the stack on firm level ground, and ensure that stacks are both level and vertical.

NB: Do not stack more than 20 bags on a pallet.

8. Exposure control/personal protection

Workplace exposure limit

CAS No.	Designation of material	%	Type	Value	Unit
CAS: 1317-65-3 calcium carbonate					
TWA	Long-term value: 10 mg/m ³ (e)				
CAS: 13397-24-5 Gypsum					
TWA	Long-term value: 10 mg/m ³ (i)				

Personal protection

Respiratory	P403+P235 Store in a well-ventilated place. Keep cool. P304+P312 IF INHALED: Call a POISON CENTER if you feel unwell.
Eye	P280 Eye protection / face protection.
Skin	P280 Wear protective gloves / suitable protective clothing

9. Physical and chemical properties

Physical state	Solid
Form	Powder
Colour	Milky white
Solubility Water	Soluble

10. Stability and reactivity

Stable at recommended storage conditions. No dangerous reactions known.

11. Toxicology information

No known toxicological effects.

12. Ecological information

Stable product with no known adverse environmental effects. Do not allow product to reach ground water, water course or sewage system.

13. Disposal consideration

Waste from Gyproc Plasterboard Adhesive is 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 as dangerous substance under CLP regulations.

16. Other information

Regulation no. EI004 Solid Hazardous materials 1st Edition January 2010 Abu Dhabi Environment, Health and Safety Management System Regulations Framework (ADEHSMS).
Gyproc website: www.gyproc.ae
Middle East WHITE BOOK

Note to User:

This product 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 Middle East WHITE BOOK which can be downloaded from www.gyproc.ae.



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Gyproc reserves the right to revise product specifications without notice. The information in this document was correct to the best of our knowledge at the time of publication. It is the user's responsibility to ensure that it remains current prior to use. The information in this document is for guidance only and should not be read in isolation. Users should read and familiarize themselves with all the information contained in this document and ensure that they are fully conversant with the products and systems being used, before subsequent specification or installation.

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