



Gyproc Plasterboard Adhesive

Technical Datasheet

Gyproc Plasterboard Adhesive Product Datasheet



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 cables 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.

Standards

Gyproc Plasterboard Adhesive conforms to the following standard:

BS EN 14496:2005 Gypsum based adhesives for thermal/acoustic insulation composite panes 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 100 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



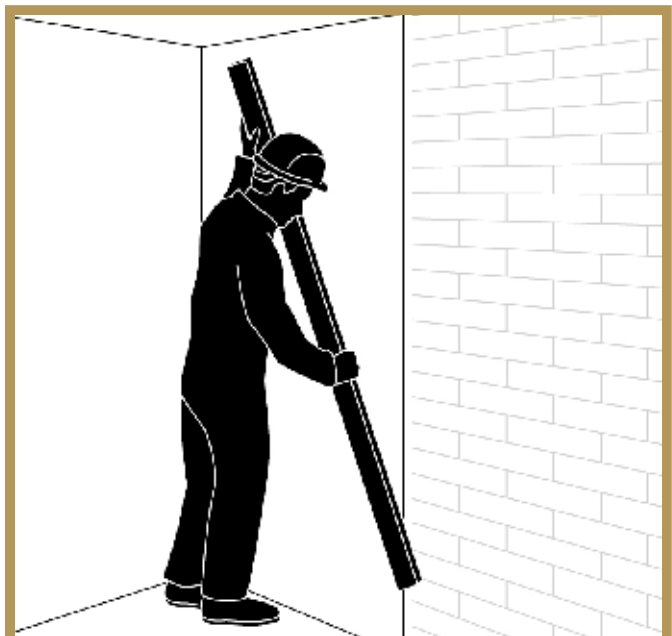
Add approximately 10kg of Gyproc Plasterboard Adhesive gradually to 5 litres of clean water, in a clean bucket. Leave for approximately 3 minutes before mixing well.



Mix until a smooth consistency is achieved. For best results use a power mixing tool at low speed of the power mixes should not exceed 200 rpm.



Commence drylining from a window / door reveal or internal angle.
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.



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

For full information on Gyproc Plasterboard Adhesive visit www.gyproc.ae or call 800 GYPROC

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Health & Safety

1. Identification of the substances / preparation and company

Gypsum Based Accessories

Gyproc Plasterboard Adhesive

Supplier
Saint-Gobain Gyproc Emirates Industries L.L.C
ICAD 1
Mussafah, Abu Dhabi
United Arab Emirates
P.O. Bx 38983
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 sulphate hemihydrate and limestone. Natural constituents may include minor amounts of quartz.

3. Hazards identification

These products are not classified as dangerous according to CHIP. CHIP is the law that applies to suppliers of dangerous chemicals. Its purpose is to protect people and the environment from the effects of those chemicals by requiring suppliers to provide information about the dangers and to package them safely.

Powder or dust may irritate the respiratory system, skin and eyes.

4. First aid measures

Eye contact Wash eyes with clean water.

Skin contact Wash thoroughly with soap and water.

Ingestion DO NOT INDUCE VOMITING. Rinse out mouth thoroughly and give plenty of water.

Inhalation If irritation occurs, remove person to fresh air.

General Seek medical attention if any symptoms persist.

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

Control dust formation, vacuum or sweep up and put into bags. Prevent products from blocking drains and watercourse as a powder or slurry. (Refer to section 13 Disposal considerations).

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

Substance	Total inhalable	Respirable
Plaster	10mg/m ³ 8hr TWA	4mg/m ³ 8hr TWA
Quartz (silica)	0.3mg/m ³ 8hr TWA	0.1mg/m ³ 8hr TWA
Man Made Mineral Fibres (MMMMF)	5mg/m ³ 8hr TWA (gravimetric method)	-

NB: HSE guidance – control exposure to <0.1mg/m³ (8hr TWA)

Personal protection

Respiratory Use in a well ventilated area. Where practicable use engineering methods to control dust levels. If the exposure standards could be exceeded use a disposable face mask complying with EN 149 FFP2.

Skin Wear appropriate clothing to protect against repeated or prolonged skin contact.

Eye If there is a risk of material entering the eye, wear eye protection to BS EN 166.

9. Physical and chemical properties

Dry, odourless powder in laminated polypropylene bags of 30kg each.

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

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 under the CHIP regulations.

16. Other information

Regulation no. E1004 Soild Hazardous materials 1st Edition January 2010
Abu Dhabi Environment, Health and Safety Management System Regulations Framework (ADEHSMS)
The Gyproc website: www.gyproc.ae
The 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.



GYPROC PLASTERBOARD ADHESIVE.

Gyproc Plasterboard Adhesive is a gypsum based powder adhesive that is mixed with clean water and used as a bonding agent to line bricks, blocks, concrete or sand and cement rendered walls with Gyproc plasterboards. It can bond all Gyproc plasterboards providing a smooth surface that incorporates a small cavity for electrical cables and small pipes.

It is ideal for putting a new face on old and damaged walls in refurbishment jobs, or for an economic, high quality lining for newly built walls – even if they're not perfectly flat.

For more information call our customer service at 800-GYPROC (497762) (International +971 800 497762) or email gyproc-me@saint-gobain.com or visit our website at www.gyproc.ae 'Like us' on 



Gyproc
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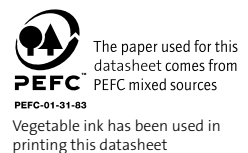
www.gyproc.ae

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