



Gyproc Habito Plasterboard

Technical & Safety Data Sheet



Gyproc
SAINT-GOBAIN

INTRODUCTION

Characteristics

Gyproc Habito consists of a specially reinforced gypsum core designed for high strength and fixing capability.

Applications

Designed for use in Gyproc wall and partition systems where greater levels of sound insulation, impact/duty and fixing capability are required.

Board colour

- Faced with grey coloured paper bearing the Habito logo
- Reverse faced with brown coloured paper

Board printing

Reverse - Standards, date, time and location of manufacture, board dimensions & edge type

Board range

Width*	Length*	Nominal board weight (kg/m ²)	Edge type
mm	mm		
12.5mm board*			
1200	2400, 3000	12.3	Tapered Edge

*Other lengths & thicknesses available upon request

FINISHING

Board types

T/E - for taped and filled joints using Gyproc jointing materials

Jointing

Gyproc jointing materials produce a smooth, continuous, crack-resistant surface ready for priming and final decoration.

Decoration

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

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 decorators preparatory work should follow with minimum delay.

[NB] Fixings / fixtures should not be made into repaired / damaged areas. Where there is any likelihood of fixings being made into repaired sections in the future, then follow the procedures described in 'Extensive damage'.

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

Damaged core and/or broken edges (non-fire rated or non-high impact situations only) - 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 or the partition is fire rated or has a high impact resistant requirement, 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 ensuring joints between board layers are staggered by a minimum of 300mm and horizontal joints in the face layer are backed by Gyproframe GFS1 (double layer) or stud noggin (single layer). 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.

[NB] It is essential that repairs are made 'like for like'. If the finish is skim plaster, jointing materials must not be used in the repair.

STANDARDS

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

- Type D: Gypsum plasterboard with controlled density
- Type F: Gypsum plasterboard with improved core adhesion at high temperature
- Type I: Gypsum plasterboard with enhanced surface hardness
- Type R: Gypsum plasterboard with enhanced strength

Plasterboard with a face to which suitable gypsum plasters or decoration may be applied.

ASTM C1396-14a Standard Specification for Gypsum Board
Section 5: Gypsum wallboard

BOARD PERFORMANCE

System performance -

Fire, acoustic, impact, duty and fixing capability

Please refer to the appropriate WHITE BOOK product or systems section for information on the fire resistance of building elements lined with Gyproc Habito.

Reaction to fire test performance

Standard	Performance
EN 520:2004+A1:2009	Classified without further testing as A1 Core, A2-s1, d0
ASTM E84	Class 1/Class A

Thermal conductivity

Gyproc Habito - 0.19W/mK

Effect of temperature

Gyproc Habito 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 periods 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 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 WHITE BOOK.

Cutting

This product may be cut using a plasterboard saw or by double scoring with a sharp knife and snapping the board over a straight edge. Holes for switch or socket boxes can 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.

Screws

Gyproc Habito boards should be fixed to Gypframe metal sections with Gyproc Habito screws. These screws have been specially designed for use on Gyproc Habito boards only.

Fixing

Fix boards with decorative side out to receive joint treatment. Lightly butt boards together. Never force boards into position. Install Habito screws 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. Stagger horizontal and vertical board joints between layers by a minimum of 600mm. Locate boards to the centre line of framing where this supports board edges or ends.



HEALTH & SAFETY

1. Identification of the substances/ preparation and company

Gyproc Habito

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

Free Phone: 800 GYPROC (497762)

Recommended uses: Gyproc Habito is used as an internal lining in buildings.

This information reflects typical values and is not a product specification.

2. Hazards identification

THE MOST IMPORTANT HAZARDS ARE:

This product is **not** classified as hazardous according to CLP.

Dust from cutting or sanding may irritate the respiratory system, skin and eyes.

3. Composition / information on ingredients

General composition: Calcium sulphate dihydrate encased in paper liners. Natural constituents may include minor amounts of quartz. Small quantities of chopped glass fibre, microsilica, fly ash and vermiculite may be added, with starch, foam and dispersants.

4. First aid measures

Eye contact S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39 - Wear eye / face protection.

Skin contact S28 - After contact with skin, wash immediately with plenty of soap and water.

Ingestion S62 - If swallowed, do not induce vomiting, seek medical advice immediately and show this document.
S64 - If swallowed, rinse mouth with water (only if the person is conscious).

Inhalation S51 - Only use in wall ventilated areas.
S63 - In case of accident by inhalation, remove casualty to fresh air and keep at rest.
S36 - Wear suitable protective clothing.

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 cutting or sanding in poorly ventilated places. Avoid eye contact - see Section 8 for recommended personal protective equipment and Section 2 for hazards identification.

Gyproc Habito will not support body weight between rafters, joints or frame members.

Manual handling - Sheets of board 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 Habito weights

Product	Board thickness mm	Board width mm	Board length mm	Board weight kg	Pallet weight kg
Gyproc Habito	12.5	1200	2400	35.5	1,560
			3000	44.3	1,600

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 floors and vertical stacks are as follows:

Board width mm	Board length mm	Pallet stack height packs
1200	2400 / 3000	6

8. Exposure control/ personal protection

Workplace exposure limit

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

HEALTH & SAFETY (CONTINUED)

Personal protection

Respiratory S51 - Use only in well ventilated areas.
S39 - Wear eye / face protection.
Face masks to EN 149 FFP2.

Skin S36 - Wear suitable protective clothing.

Eye S39 - 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

Waste from gypsum plasterboard products is normally classified as 'non-hazardous, non-inert', is fully recyclable and is classified as EWC 02 08 17.

Please refer to the Gyproc Plasterboard Recycling brochure.
Always seek the advice of a trained and competent professional.
Off-cuts, where appropriate, can be used as noggings to reduce or remove recycling requirement.

Dispose at an authorized landfill site in accordance with the local waste management regulations.

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



SpecSure is a unique 'off the shelf' warranty to end users that confirms Gyproc proprietary systems will perform to the parameters published in our current literature from the day they are installed.

SpecSure - a warranty for the future performance of your system.



Saint-Gobain Gyproc Middle East FZE

P.O.Box.261107
Dubai, UAE
Tel: +971 (4) 450 2300
Fax: +971(4) 446 8701

Saint-Gobain Gyproc Emirates Industries LL.C

P.O. Box 38983
ICAD 1, Mussafah
Abu Dhabi, UAE

www.gyproc.ae



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