

GYPROC HABITO®

Product Data Sheet

Product Description

The plasterboard is made of a very high density gypsum core between paper liners. It uses glass fibre reinforcement and other additives to achieve better strength and fixing capability.

Board Performance

Fire protection

Plasterboard linings provide good fire protection owing to the unique behaviour of the non-combustible gypsum core when subjected to high temperatures. For the purposes of the national Building Regulations, plasterboard is designated a 'material of limited combustibility' (Technical Guidance Document B). The surfaces of Gyproc Habito are designated Class 0 (for the purposes of national Building Regulations). Please refer to the table below.

Reaction to fire test performance

Standard	Performance
BS 476: Part 6: 1989 Method of test for fire propagation for products.	Index of performance (I) not exceeding 12 and a sub-index (iI) not exceeding 6.
BS 476: Part 7: 1997 Surface spread of flame tests for materials (plasterboard).	Class 1 (both sides).
EN 520: 2004	A2-s1, d0

Thermal conductivity

Ⓐ Habito - 0.25 W/mK

Effect of temperature

Gyproc Habito is unsuitable for use in areas subject to continuously damp or humid conditions, i.e. above 70% RH, and must not be used to isolate dampness. Boards are not suitable for use in temperatures above 49°C but can be subjected to freezing conditions without risk of damage.

Introduction

Gyproc Habito 12.5mm is a plasterboard with an exceptionally strong gypsum core for superior fixing strength, toughness and durability.

Use it for walls and partitions that require high levels of impact resistance and fixing capability.

Effect of condensation

The thermal insulation and ventilation requirements of the Building Regulations aim to reduce the risk of condensation and mould growth in new buildings. However, designers should take care to eliminate all possibility of problems caused by condensation, particularly in refurbishment projects.

Board colour

- Face: Steel Grey paper with Habito Logo
- Reverse: Brown paper

Board printing

Face Logo and screw centre markings x

Board range

Width mm	Length mm	Edge type
12.5mm Board		kg/m ² = 12
1200	2400	T/E
1200	2700	T/E
1200	3000	T/E

T/E = Tapered Edge

Board types

T/E - with Gyproc Jointing Materials used in conjunction with Gyproc Paper Joint Tape

Application and 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

Take care to avoid unnecessary strain. For further information please refer to the Manual Handling section of The Site 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. 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.

Plastering

The face (steel grey) of Gyproc Habito can be plastered with Gyproc Skimcoat, Gyproc Carlite Finish or Gyproc Carlite Ultra Finish when installed on a timber frame partition or dot and dabbed onto blockwork. There should be a minimum of delay between completion of the lining and the commencement of plastering.

Plastering on Metal

Single Layer Partition

When installing a single layer of Gyproc Habito onto a metal stud and a plaster finish is required the board must be NON-STAGGERED or SYMMETRICALLY boarded i.e. the joints must align on both sides of the partition. Horizontal joints must be aligned on both sides of the partition also.

Double Layer Partition

When installing a double board partition with Gyproc Habito on the outer layer, and a plaster finish is required, the boards on the inner layer must be boarded NON-STAGGERED or SYMMETRICALLY boarded i.e. the joints must align on both sides of the partition.

Gyproc Habito on the outer layer must be installed with the joints staggered to the inner layer board joints but the joints of both the outer layer boards on each side of the partition must be NON-STAGGERED or SYMMETRICALLY boarded with each other i.e. the joints must align on both sides of the outer layers of the partition.

Horizontal joints must be symmetrically boarded on both sides of the partition BUT horizontal joints on the inner layer MUST be staggered to the outer layer.

Jointing

Gyproc jointing materials produce 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 plaster finish or joint treatment has dried, decoration, including any decorator's preparatory work, should follow with minimum delay.

Product standards

EN520:2004, A1:2009 Gypsum Plasterboards, definitions, requirements and test methods.

Type A: Gypsum plasterboard

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

Maintenance

Repair

Minor damage - Lightly sand the surface to remove burrs and fill flush with Gyproc Gyp Filler, Gyproc Joint Filler or Gyproc Easi-Fill or two applications of Gyproc Gyp Finisher. When dry, apply Gyproc Drywall Primer to leave the surface ready for decoration.

Deep indents resulting from impact - Check the board core to ensure that it is not shattered. If intact, apply a coat of Gyproc Gyp Filler, Gyproc Joint Filler or Gyproc Easi-Fill. When dry, apply Gyproc Drywall Primer to leave the surface ready for decoration.

Damaged core and / or broken edges (non-performance situations only) - Remove the damaged area of core. Score the liner approximately 10mm away from the sound plaster around the damaged area, and peel the paper liner away. Apply Gyproc GypPrime or PVA to seal the core and surrounding liner. Bulk fill the hole with a stiff mix of Gyproc Gyp Filler, Gyproc Joint Filler or Gyproc Easi-Fill and strike off flush. Apply Gyproc Gyp Filler, Gyproc Joint Filler or Gyproc Easi-Fill, once the filler is set / dry. When dry, apply Gyproc Drywall Primer (only suitable in non-performance situations).

Extensive damage - When the damage is more extensive, it may be necessary to replace that area of board. 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 board, accurately cutting and screw-fixing the same type and thickness of board. Fill edge joints, then tape and finish in the recommended way. Treat the finished surface with Gyproc Drywall Primer. Redecorate as required.

NB Fixings / fixtures should not be made into repaired / damaged areas.
NB It is essential that repairs are made 'like for like'. If the finish is skim plaster, jointing material must not be used in the repair.

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