

# Gyproc Habito<sup>1</sup>

## Product Data Sheet

### Product description

#### Overview

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

#### Applications

Designed for use in British Gypsum wall and partitions systems where greater levels of impact/duty and fixing capability are required.

#### Board colour

- Faced with branded steel grey coloured paper
- Reverse faced with brown coloured paper

#### Board printing

Face - screw centre markings 'x'.  
Edge - product name, board thickness x width x length, edge type.  
Reverse - standard and certification.

#### Board range

Width mm	Length mm	Nominal board (kg/m <sup>2</sup> )	Edge type
12.5mm board 1200 + 900	2400 / 2500 2700 / 3000	12.0	Tapered Edge

### 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.

### Performance

#### Fire protection

Board 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 Building Regulations Approved Document B, plasterboard is designated a 'material of limited combustibility', the surface of Gyproc Habito is designated Class O. Please refer to the table below.

#### Reaction to fire test performance Effect of temperature

Standard	Performance
EN 13501-1: 2007 & A1:2009	A2-s1,d0

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.

#### Effect of condensation and other moisture

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. For further information, please refer to The White Book, available to download from british-gypsum.com

<sup>1</sup>Multiple patents pending.

# Application and installation

## Finishing

When installing Gyproc Habito onto a metal frame, tape and joint preparation is recommended and approved by British Gypsum. For timber frame and blockwork, Gyproc Habito can be finished as normal.

## Board types

T/E - for taped and filled joints using Gyproc jointing materials or application of Thistle BoardFinish, Thistle MultiFinish, ThistlePro DuraFinish or ThistlePro SprayFinish plasters.

## Plastering

The face (branded steel grey) of Gyproc Habito can be plastered with either Thistle BoardFinish, Thistle MultiFinish, ThistlePro DuraFinish or ThistlePro SprayFinish plasters. There should be the minimum of delay between completion of the lining and the commencement of plastering.

## 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.

## Repair

Minor damage - Lightly sand the surface to remove burrs and fill flush with Gyproc Easi-Fill or Gyproc Easi-Fill 45, or two applications of Gyproc Joint Cement. When dry, apply Gyproc Drywall Primer or Gyproc Drywall Sealer to leave the surface ready for decoration.

**(NB)** - Fixings / fixtures should not be made into repaired / damaged areas.

**Deep indents resulting from impact:** Check the board core to ensure that it is not shattered. If intact, apply a coat of Gyproc Joint Filler, Gyproc Easi-Fill or Gyproc Easi-Fill 45. When dry, apply Gyproc Drywall Primer or Gyproc Drywall Sealer 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 Thistle GypPrime or PVA to seal the core and surrounding liner. Bulk fill the hole with a stiff mix of Gyproc Easi-Fill, Gyproc Easi-Fill 45, or Gyproc Joint Filler, and strike off flush. Apply Gyproc Easi-Fill, Gyproc Easi-Fill 45, or two applications of Gyproc Joint Cement, once the filler is set / dry. When dry, apply Gyproc Drywall Primer or Gyproc Drywall Sealer (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 or two coats of Gyproc Sealer, if previously specified for vapour control purposes. Redecorate as required.

**(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.

# Application and installation (continued)

## Installation

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.

## 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.

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British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: [british-gypsum.com](http://british-gypsum.com). For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

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