

# Habito™

## 12.5 mm Board

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

**Gyproc Habito™** is made up of Calcium Sulphate Dihydrate encased in paper liners. Natural constituents may include minor amounts of quartz. Small quantities of chopped glass fiber may be added with starch, foam and dispersants.

### Performance



Can fix heavy loads directly to the board using conventional wood screws.



Ideal for suspending heavy loads.



Provides additional sound insulation performance between rooms.



Offers improved impact resistance in high traffic areas.





### Board colour

Faced with ivory coloured paper  
Reverse faced with brown coloured paper

### Finishing

When installing Gyproc Habito onto a metal frame, tape and joint preparation is recommended and approved by Gyproc.

### Board types

T/E – for taped and filled joints using Gyproc jointing materials or application of RhinoLite® MultiPurpose and Habito™ Plaster.

### Plastering

The face (ivory) of Gyproc Habito can be plastered with either RhinoLite® MultiPurpose and Habito™ Plaster. 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, crackresistant surface ready for priming and final decoration.

### Decoration

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

### Board range

Thickness (mm)	Width (mm)	Length (mm)	Edge type	Mass (Kg/m <sup>2</sup> )
12.5mm board	1 200	2 400/2500 2700/3000	Tapered Edge	12.0

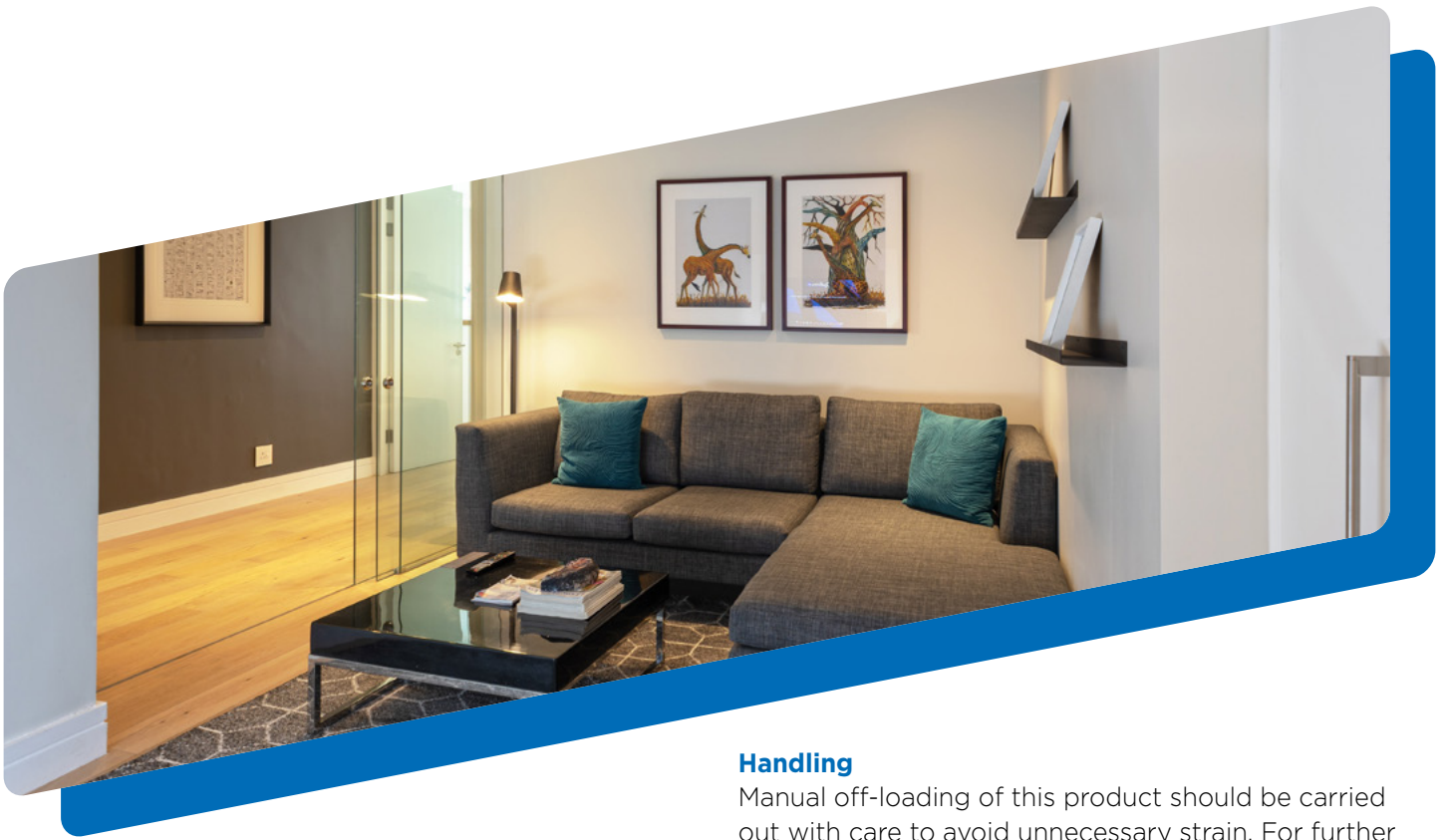
### Repair

**Minor damage** – Lightly sand the surface to remove burrs and fill flush with RhinoGlide. When dry, decorate in accordance with paint manufacturer's specification. 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 RhinoGlide. When dry, decorate in accordance with paint manufacturer's specification.

**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 PVA to seal the core and surrounding liner. Bulk fill the hole with a stiff mix of Gyproc RhinoGlide, and sand off. When dry, decorate in accordance with paint manufacturer's specification.

**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. When dry, decorate in accordance with paint manufacturer's specification. 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.



## Board 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. 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 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.

## 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 Gyproc RhinoBoard handling section of the RhinoBoard for walls book, available to download from [www.gyproc.co.za](http://www.gyproc.co.za)

### Cutting

This product may be cut using a pat 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

Habito studs must be used instead of conventional studs. The fixing is to be done with GTX screws or 10mm Ø wood screws. 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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South Africa, 06/2023. Gyproc reserves the right to modify data without prior notice. If required, please contact the Gyproc Technical Department.  
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Reg no: 1937/010220/07

