

RhinoBoard® SoundBloc® 12.5mm & 15mm Board

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

Gypsum plasterboard with a higher density core. Gyproc **RhinoBoard SoundBloc®** consists of an aerated gypsum core encased in, and firmly bonded to, strong paper liners. Gyproc RhinoBoard SoundBloc® is plasterboard that is suitable for drylining internal surfaces.

Performance



Provides additional sound insulation performance between rooms.



Fire protection.





Board colour

Faced with blue coloured paper
Reverse faced with ivory coloured paper

Finishing

When installing RhinoBoard SoundBloc® 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 (blue) of RhinoBoard SoundBloc® can be plastered with either RhinoLite® MultiPurpose and RhinoLite Natural Plus® 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, crack-resistant 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 ²) |
|----------------|------------|-------------|--------------|---------------------------|
| 12.5 mm | 1 200 | 2 700 | Tapered Edge | 10.7 (12.5mm) |
| 15 mm | | 3 000 | | 13.9 (15mm) |
| | | 3 600 | | |

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.

RhinoBoard SoundBloc® is unsuitable for use in areas subject to continuously damp or humid conditions and must not be used to isolate dampness.

Sound performance

RhinoBoard SoundBloc® boards offer improved sound insulation owing to the unique less rigid core properties, high surface density and special additives. To meet sound insulation requirements, it is important to follow the Gyproc systems installation instructions and guidelines.

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

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 600 mm. Locate boards to the centre line of framing where this supports board edges or ends. Fix boards onto studs at 220 mm centres.



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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.
Saint-Gobain Construction Products South Africa (Pty) Ltd.

Reg no: 1937/010220/07

