

RhinoBoard® FireStop® dB

15 mm Board

RhinoBoard® FireStop® dB consists of a high density gypsum core with glass fibre and other additives encased in, and firmly bonded to, strong paper liners. RhinoBoard® FireStop® dB is a

Performance

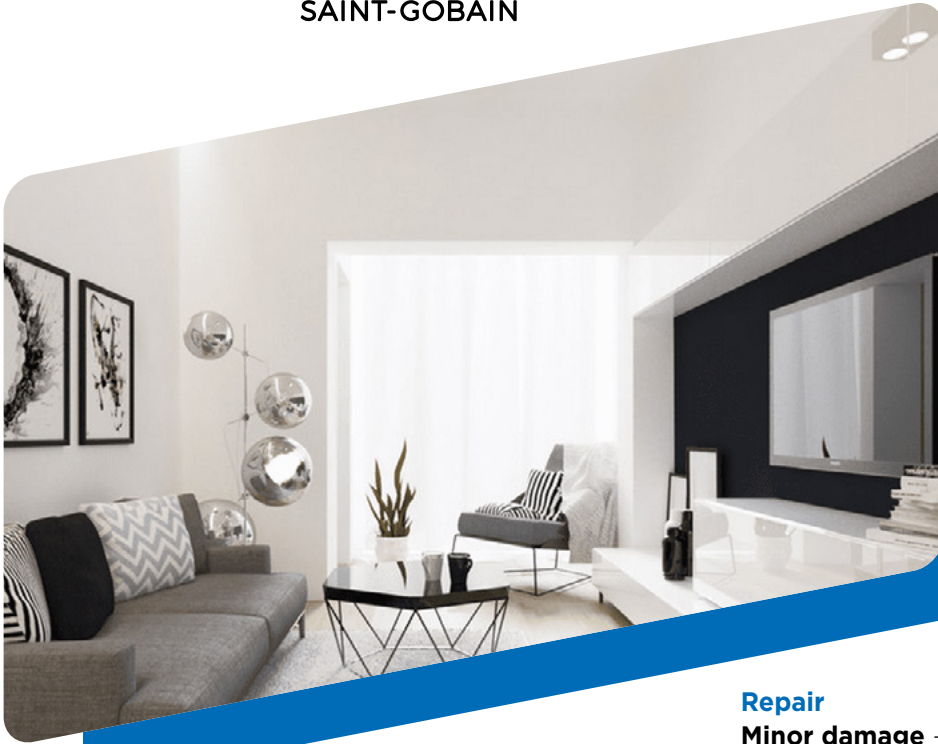


Fire protection



Acoustic performance





Designed for use in Gyproc wall and partitions systems where greater levels of fire protection and acoustic performance are required.

Board colour

- Faced with pink coloured paper
- Reverse faced with brown coloured paper

Finishing

When installing RhinoBoard® Firestop® dB onto a metal frame, tape and joint as recommended and approved by Gyproc.

Board types

T/E - for taped and filled joints using RhinoGlide® plaster or skim application of RhinoLite® plasters.

Plastering

The face (pink) of RhinoBoard® Firestop® dB should be plastered with RhinoLite® range 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.

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)
15	1 200	2 700	Tapered	13.5
	1 200	3 000		
	1 200	3 600		

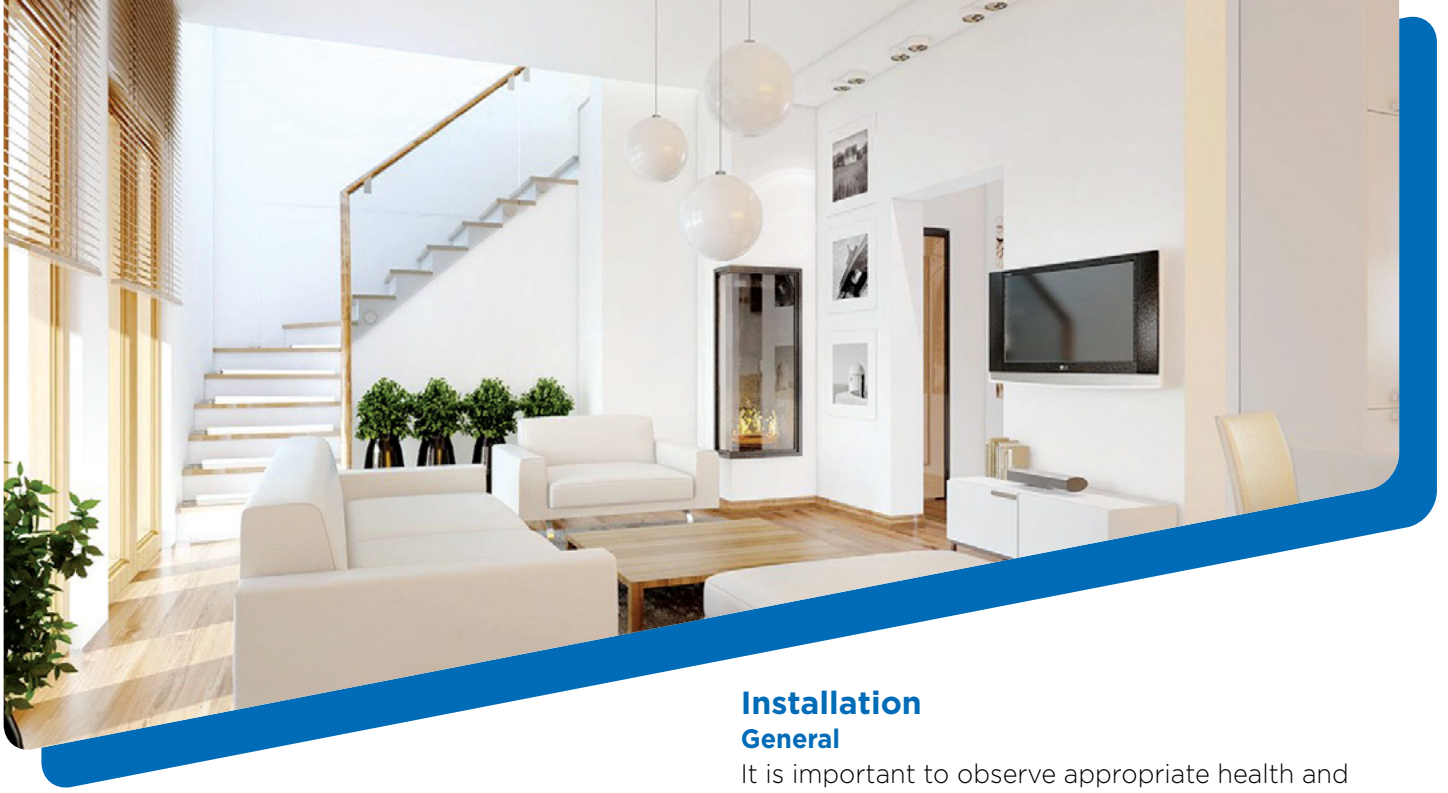
Repair

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

Sound performance

RhinoBoard® FireStop® dB boards offer improved sound insulation owing to the unique core properties 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 contact Gyproc South Africa.

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

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. Fix boards onto studs at 220mm centres.



GYPROC a division of Saint-Gobain
Construction Products SA (Pty) Ltd

300 Janadel Avenue • Halfway House
• Midrand 1686 • South Africa

PO Box 50416 • Randjiesfontein
• 1683 • South Africa

+27 (0)12 657 2800

www.gyproc.co.za

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

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