



RHIN TOUGH®

- 
HIGH STRENGTH BOARD
- 
FIXING CAPABILITY
- 
IMPACT RESISTANT



MADE IN SA

SOUTH AFRICA'S *TOUGHEST PLASTERBOARD.

***TOUGHEST** BOARD IS BASED ON LOCALLY MANUFACTURED BOARDS IN SOUTH AFRICA.

RhinoTough®

12.5 mm Plasterboard

A high strength gypsum core for superior fixing strength, toughness and durability that can support as much as 12 kg off a single full thread wood or chipboard screw.

Performance



**HIGH
STRENGTH BOARD**

FEATURE

RhinoTough® is a high strength board, ideal for heavily frequented areas where chances of accidents or misuse is high.

BENEFIT

Durability in retail spaces, hotels, lodges and guest houses, houses and apartments, as well as data centres.



**FIXING
CAPABILITY**

FEATURE

RhinoTough® provides a load bearing capacity of 12 kg per single 5 mm chipboard or woodscrew, with a safety factor of 4.

BENEFIT

No pre-drilling, service support plates, Ply/Patress or noggins are necessary. No wall anchors or special fasteners. Just a simple screw mounting be it a TV, shelf or cabinet.



**IMPACT
RESISTANT**

FEATURE

RhinoTough® has a high-density core which allows for greater impact resistance.

BENEFIT

This helps to protect the interior walls against typical surface wear, dents, and penetration.



FEATURE

RhinoTough® has been developed & produced in South Africa.

BENEFIT

A locally manufactured board will allow for reduced supply lead times.



Board colour

Faced with yellow coloured paper, with white markings.
Reverse faced with grey coloured paper.

Finishing

When installing Gyproc RhinoTough® 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.

Plastering

The face (yellow) of Gyproc RhinoTough® can be plastered with either RhinoLite® MultiPurpose for inland regions and RhinoLite® Natural Plus for coastal regions. There should be minimum delay between the 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 finishing.

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

NB Fixings/fixtures should not be made into repaired or 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.



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SAINT-GOBAIN CONSTRUCTION
PRODUCTS SOUTH AFRICA (PTY) LTD.
Reg no: 1937/010220/07



Board Types

Thickness (mm)	Width (mm)	Length (mm)	Edge type	Mass (Kg/m ²)
12.5mm board	1200	3000 mm	Tapered Edge	12

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. RhinoTough® 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.

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

Gypframe® UltraSTEEL® studs must be used instead of conventional studs. The fixing is to be done with GTX screws or 25 mm Ø sharp point 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 13 mm from cut edges and 10 mm 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.

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



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