



GypWall

DryLining

GypWall DryLining

For use in offices, internal residential walling, hotels, hospitals and schools applied on new or existing masonry work.

Description

A basic drylining system primarily for the housing market and refurbishment sector. A plasterboard system that replaces a wet sand cement plaster with a dry lining that is smooth, level and contributes to providing a cavity for insulation to masonry walls.

- Gyproc RhinoBoard is directly bonded to wall using Gyproc RhinoLite or Gyproc RhinoBed (new formula).
- Suitable for all solid backgrounds of brick, block or concrete.

Design guidelines

- Allow 10mm plus the board thickness from the face of the background to the face of the lining to determine lining dimension at door/window reveals and soffits (this allowance may need to be increased if background is out of plumb).
- Install the plasterboard ceiling, erect any abutting partitions and fill any joints in the masonry background before commencing dry lining to the walls.
- Make provision for sealing the dry lining cavity of specified walls (normally internal face of envelope walls). The recommended method is to apply a fillet of RhinoLite around the perimeter of the wall and any surface penetrations and openings, together with a continuous band of RhinoLite at the base.
- Install services, such as pipes and cables, before drylining.
- Consider skirting fixing - using Silicone Sealant to provide a continuous band of sealant at the base.
- Seal any small gaps at base of skirting, with Silicone Sealant.
- Consider the provision of a flexible seal between suspended timber floors and the masonry wall.
- Form vertical cavity barriers, using a continuous line of dabs, where specified in long runs of lining.
- Install control joints, where specified.
- Allow the lining to bridge any structural columns - do not locate dabs on the column.

Backgrounds

- Ensure masonry wall is dry. If extensive moisture is present, consider using dehumidifiers or appropriate heating/ventilation.
- Treat concrete and/or painted surfaces with Gyproc Grippon, same as data sheet for RhinoLite or appropriate masonry sealing agent.
- At internal angles cut board to fit and position the cut edge to the angle.

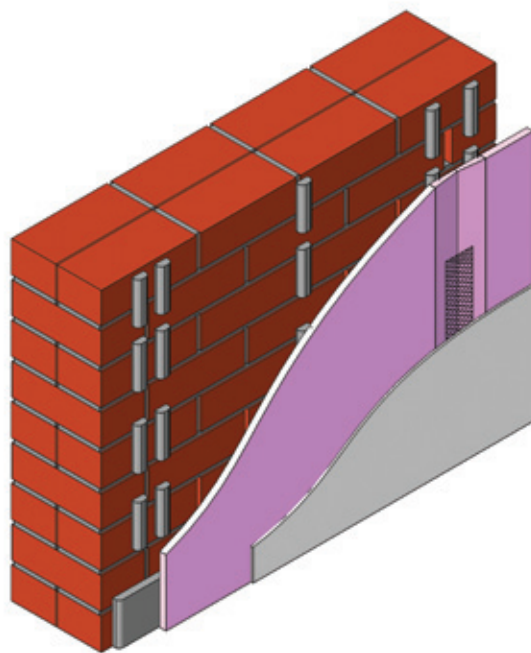
NB. Ensure that the contact area between board and background is at least 20%

Gyproc DryLining System

Provide simple and effective techniques for masonry walls in both new-build and refurbishment work. Gyproc DryLining uses RhinoLite dabs to bond RhinoBoard directly to the wall.

Key facts

- Linings provide room comfort conditions
- Services incorporated with minimum chasing
- Provide smooth walls
- Environmentally friendly products



Applications

Lining or re-lining of masonry walls.

Sector

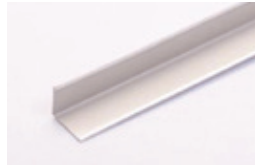
Commercial | Health Care | Educational | Retail | Sports & Leisure | Industrial | Residential | Retro installations for energy efficient building systems.

System Components

Metal products

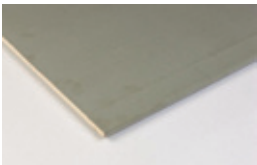


Donn Corner Bead



Donn Galvanised Steel Angle

Board products



**Gyproc MoistureResistant
12.5mm/15mm**



**Gyproc FireStop
12.5mm/15mm**



**Gyproc RhinoBoard
12.5mm**

Finishing products



**Gyproc RhinoLite
Multipurpose Plaster**



**Gyproc RhinoBed
Adhesive Plaster**



Gyproc RhinoTape

Note: These are the components found in the GypWall DryLining system.

GypWall DryLining

Application of dabs

Suitably fix Donn Galvanised Steel Angle 20mm x 20mm on the floor and soffit.
Mix the right quantity of Gyproc RhinoLite or Gyproc RhinoBed (new formula) for the dabs.
The dabs shall be 50mm wide, 250mm long and at 100mm spacing.
The dabs shall be 50mm from the edge of the board and at the centre of the boards.
Apply a continuous band of RhinoLite at skirting level.

Apply two continuous beads of SoundSeal between the building structure and the framework.

Lining

1 layer Gyproc RhinoBoard 12.5mm, sheet width 1200mm.
Tap the boards firmly using a straight edge until they butt against the galvanised angles.
In wet areas replace Gyproc RhinoBoard 12.5mm with Gyproc MoistureResistant 12.5mm.

Finishing

Allow the dabs to dry before finishing.

Jointed Finishing:

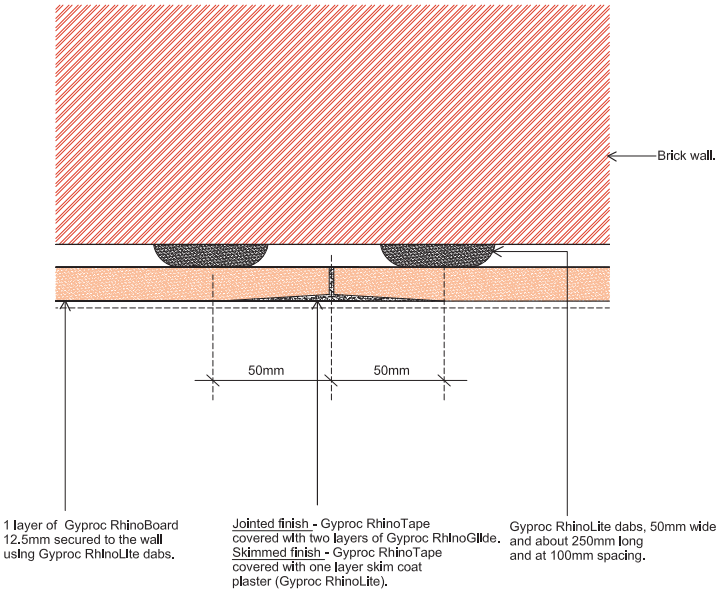
Apply Gyproc RhinoTape to all joints and internal corners.
Apply Donn Corner Bead embedded in Gyproc RhinoGlide plaster to all external corners.
Cover Gyproc RhinoTape with two layers of Gyproc RhinoGlide.
Paint using a good quality oil based plaster primer. Apply paint as required.

Skimmed Finishing:

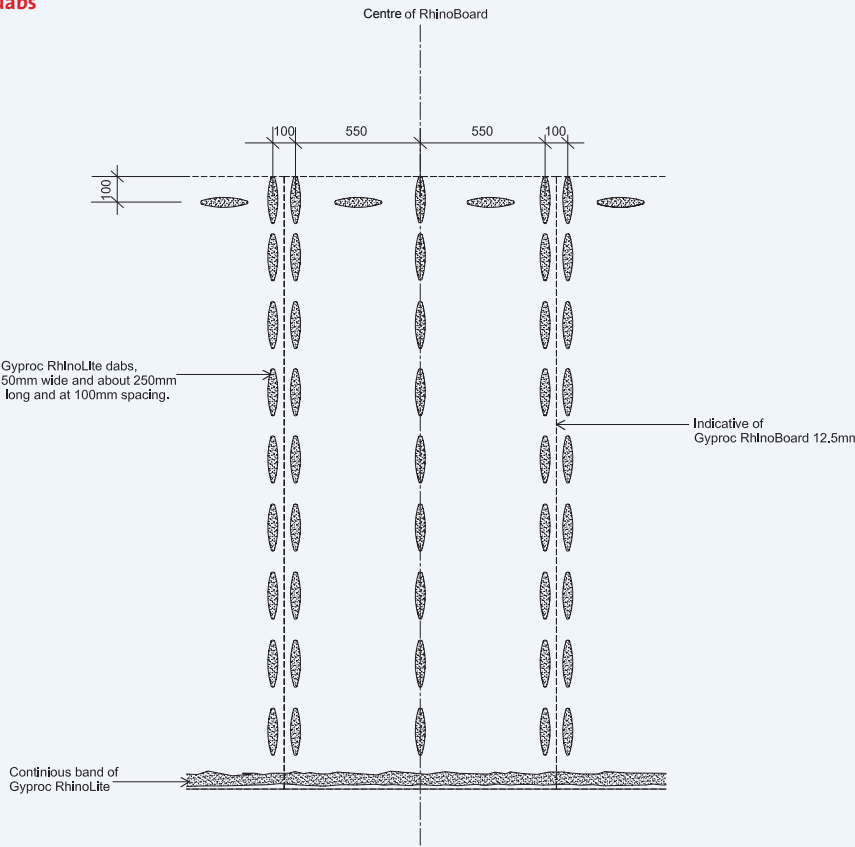
Apply Gyproc RhinoTape to all joints and internal corners.
Apply Donn Corner Bead embedded in Gyproc RhinoLite plaster to all external corners.
Cover Gyproc RhinoTape with one layer of Gyproc RhinoLite. Skim the surface using one layer of Gyproc RhinoLite.
Paint using a good quality oil based plaster primer. Apply paint as required.

GypWall DryLining Illustration

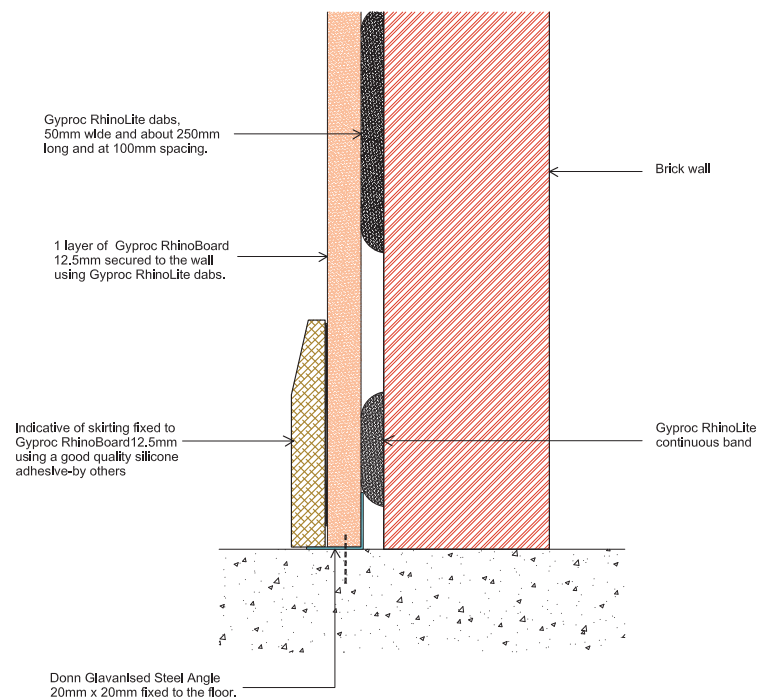
Plan



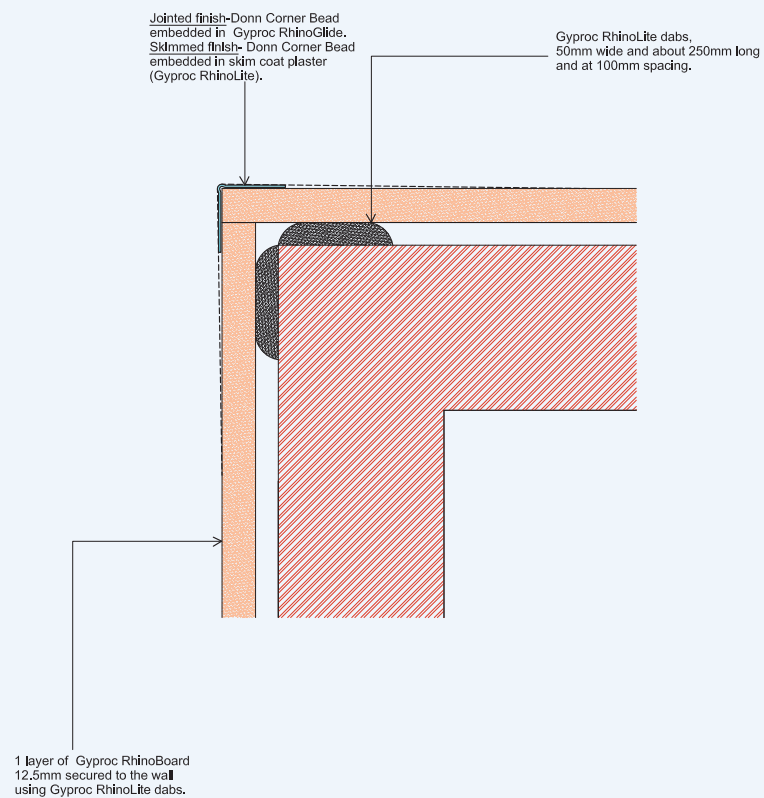
Recommended positions of dabs



Section

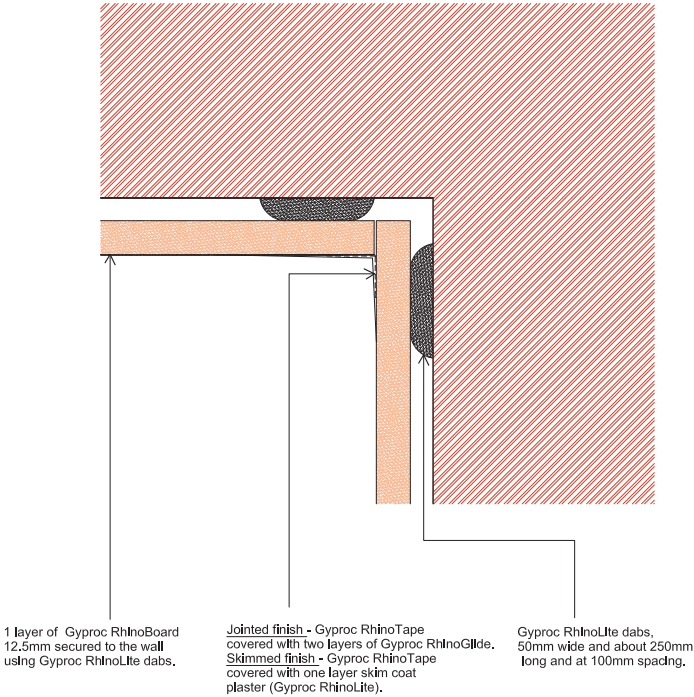


External corner view



GypWall DryLining Illustration

Internal corner view





GypWall DryLining installation instruction guide



Determine high spots on the wall and plumb position to the ceiling and floor.



Transfer this dimension to the room corners. Add an allowance of 10mm plus the thickness of the Gyproc RhinoBoard and strike continuous chalk lines on the floor and ceilings. Fix Donn Galvanised Steel Angle 20x20mm.



Mark wall with lines at every 1200mm centres to indicate board positioning.



Trowel apply a continuous fillet of Gyproc RhinoLite or Gyproc RhinoBed (new) to the perimeter of the wall surface and openings where required.



Commence dry lining from a window/door reveal or internal angle. Trowel apply RhinoLite or RhinoBed to form dabs 50mm to 75mm wide and about 250mm long.



Position dabs of RhinoLite on three vertical rows (at 600mm centres) to receive the first board. Ensure that the dabs adjacent to the board joint are approximately 25mm in from the edge to avoid bridging the joint.



7
Cut the RhinoBoard 15mm short of the floor to ceiling height. Position the first board printed side against the dabs, with the bottom edge resting on the plasterboard packing strips/board lifters.



8
Tap the board back firmly using a straight edge until it butts against the top and bottom angles.



9
Gently lift using foot lifters until the board is tight against the ceiling. Apply dabs for the next wallboard and continue the dry lining with boards lightly butted.

Saint-Gobain's SpecSure system warranty



Unique to Saint-Gobain Construction Products South Africa, the 10 year system warranty is designed to give you total confidence that the systems you have chosen will meet the most rigorous of building requirements.

All of our systems are developed using the highest quality components designed to work together, and are specifically developed to give you a lifetime of confidence.

SpecSure is more than just a performance warranty. It means that the Saint-Gobain Construction Products SA systems you specify:

- Have a guaranteed 10 year performance.
- Have the technical expertise and experience of the SA's leading construction products specialist behind it.
- Have been tested in accredited fire, acoustic and structural test laboratories.
- Have been site tested to demonstrate installation integrity and simplicity.
- Will be supported at every stage of the project by SA's leading on and off-site technical support personnel.
- Will perform to published parameters if installed in accordance to our specifications.
- Will be repaired or replaced by Saint-Gobain Construction Products South Africa in the unlikely event of system failure attributed to unsatisfactory product/system performance.
- Project Packs offer technical guidance and compliance to the building methodology prescribed which will ensure optimal system performance.

Customer contact centre:
0860 27 28 29 | www.gyproc.co.za

