

Proofex Geomembrane

constructive solutions

High Performance Multi-Purpose Damp Proof Membrane

Uses

Proofex Geomembrane is the premium quality permanent and efficient damp proof membrane for use:

- Under reinforced concrete ground, basement slabs and underground structures.
- On top of the slab and below 50mm thick (minimum) cement and sand floor screed.
- On top of insulation foam as separation and protection layer.
- On top compacted earth as supplemental vapour barrier in basements and underground structures waterproofed with Conplast WP hydrophobic waterproofing admixture system.
- On top soil as protection layer against erosion.

Advantages

- High tensile strength
- High elongation and flexibility
- Easy to apply and rapid application rate
- Highly reflective, can be exposed to sunlight
- Simple on-site overlap sealing with adhesive tape.
- Biological resistance- unaffected by bacteria, fungi, etc.
- Chemical resistance- to all naturally occurring subsoil alkalis and acids

Description

Proofex Geomembrane is a high performance damp proof membrane made from a prime virgin base material to 250 microns (0.25mm) thick perfect for providing damp proofing security throughout the lifetime of a building.

Technical Support

Fosroc offers a comprehensive range of high performance high quality, construction products. In addition to a wide range of quality products, Fosroc offers a technical support package to specifiers and contractors which includes assistance with product selection and technical advice from staff with unrivalled experience in the industry.

Properties

Tensile Strength at Break :	24 N/mm ²
Elongation at Break :	750%
Dimension Stability :	+/- 5%
Water Vapor Transmission :	1.06 gm/hr/m ²
Resistance to soil burial % of Change (Typical)	+/-13%

Installation

Proofex Geomembrane is used as an over-site membrane situated between the base concrete and the hardcore bed. A blinding layer of sand or granite quarry dust on a well compacted hardcore provides a suitable base. The membrane suited is this position protects the site concrete against any sulphate attack and allows good bonding of screed to the concrete.

Jointing the Laps

It will at times be necessary to joint membranes together and to tailor the membrane round projections etc. Prior to any jointing being made, sheets must be clean and free from dirt and grease. Adjacent sheets must be clean and free from 100mm.

The lapping shall be sealed with Fosroc 50mm wide premium quality Proofex Adhesive Tape, or its equivalent, to complete the overlap sealing process. The above techniques have been found suitable and effective for installation even by unskilled workers.

Proofex Geomembrane

Estimating

Packaging

Proofex Geomembrane is available in standard rolls of 1.8m width x 50m length.

Gauge	:	1000
Thickness	:	250 microns (0.25mm)
Colour	:	Silver
Packaging	:	Packed in paper box and wrapped with Proofex Geomembrane labels.

Storage

Proofex Geomembrane products should be stored in protected, dry areas. When left in unopened package, Proofex Geomembrane products will maintain their design performance characteristics for 3 years.

Proofex is the registered Trade mark of Fosroc International Limited.



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