

waterproofing  the  
Fosroc  
way

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constructive solutions



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## Proofex Hydromat - geotextile bentonite waterproofing membrane



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## What is Proofex Hydromat?

Proofex Hydromat is a BBA-approved membrane for waterproofing below-ground structures such as basements, car parks and lift pits.



It is designed to prevent water penetrating into your substructure and can be used for both horizontal and vertical applications.

Proofex Hydromat can be rolled out onto the ground, fixed to the shutter before casting concrete, or simply fixed to the retaining wall after casting. Compatible with Fosroc's complete range of structural waterproofing products, Proofex Hydromat gives maximum protection to your watertight substructure.



*suitable for ground applications*



*flexible for lift pit and complex details*



*ideal for vertical applications*



*perfect for secant piled walls*

## Benefits of using Proofex Hydromat

### Quick and Easy installation

Proofex Hydromat requires no special equipment to install and needs no jointing work at overlaps, reducing time on site.

### Versatility

As a flexible geotextile system, Proofex Hydromat can be used to protect a range of complex applications such as pipe entries and corner details. It is ideal for waterproofing substructures that have been built using secant, contiguous or steel sheet piling. The flexibility of the geotextile means that Proofex Hydromat can be fixed directly to a secant pile wall, without the need for boarding or shuttering the wall to achieve an even surface.

### Robustness

The membrane has a high puncture strength and is self-sealing. This means that when fixing to a wall, you do not have to worry about sealing the puncture holes as the specially impregnated bentonite clay will swell and seal around the fixing when hydrated. For extra security around pile heads and complex details, additional sodium bentonite powder is available in 25kg bags.

### Compatibility

Proofex Hydromat is part of Fosroc's Total Waterproofing Solution and is compatible with our range of waterproof grouts, swellable and non-swellable waterstops, gasproof membranes, drainage membranes and ancillary products.

While Proofex Hydromat is an effective single solution, it is most effective when combined with Fosroc's suite of other BBA-approved waterproofing products as part of the Fosroc Total Waterproofing Solution. We call this **'waterproofing the Fosroc way'**; a completely integrated solution of compatible waterproofing products designed to give maximum protection to your watertight substructure.

No other supplier can offer such a complete range of compatible structural waterproofing solutions.

For more information about Proofex Hydromat and how it can be used with Fosroc's range of waterproofing products, contact our Waterproofing Advice Centre now on **0870 428 0860**.



## Description

**Product:**  
Proofex Hydromat

**Type:**  
Geotextile bentonite membrane

**Size:**  
2.5m x 15m or  
1.2m x 2.5m rolls

**Weight:**  
210kg or 18kg

**Ancillaries:**  
Hydromat Powder (25kg bags)

**Uses:**  
Basements, car parks,  
housing, lift pits,  
piled walls

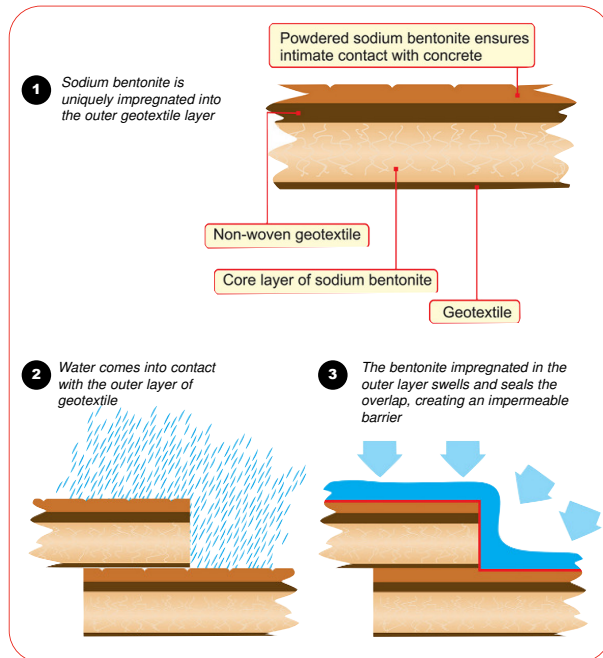
## How does it work?

Proofex Hydromat's unique design makes it the ideal solution for your water excluding structure.

It is made from swellable bentonite clay, sandwiched between two layers of geotextile.

When it comes into contact with water, the bentonite clay swells to form an impermeable barrier, preventing any water entering the structure.

What makes Proofex Hydromat unique is that it offers total protection against water, even at the overlaps. The surface of the geotextile is impregnated with a further layer of bentonite clay powder, meaning that unlike other membranes, bentonite is present even between the overlaps without the need for any further treatment.



## Benefits

### Benefits of using Proofex Hydromat for the Consultant/Owner

- No overlap leakage can occur
- Can achieve intimate contact with concrete
- Installation is not weather dependent
- Simple installation on slopes
- No special installation equipment or operators required
- Less independent site checking required

### Benefits of using Proofex Hydromat for the Contractor

- Fast installation
- No extra bentonite paste or powder required in overlaps
- No jointing work required at overlapping edges
- No special installation equipment or operators required
- Reduction in labour costs
- Installation is not weather dependent
- Simple installation on slopes
- Cost advantages over other bentonite clay liners

