



Proofex Engage

Pre-applied waterproofing membrane which mechanically bonds to poured concrete, remaining in place if settlement of substrate occurs.

A unique patented waterproofing membrane for a range of waterproofing applications including basements and substructures. Proofex Engage provides a water, water vapour and gas protection to water excluding structures and protects concrete from aggressive ground salts and chemicals.



Technical Data

Products	Packaging
Thickness	5.0mm
Roll Width	1.27m
Roll Length	30m
Edge Laps	75mm
End Lengths	Butt Jointed
Roll Weight	58kg
Thickness	1.5mm
Roll Width	200mm
Roll Length	10m
Roll Weight	4kg
Thickness	4.0mm
Pack Size	28kg
Coverage (4mm)	7m ²
Width	100mm
Length	50m
Coverage (4mm)	5m ²

Applications

- Basement waterproofing protection to grades 2, 3 & 4 as BS8102:1990
- Methane, Radon and Co2 protection as defined in BRE Report 212
- To provide a vapour and waterproofing membrane in structures
- Resistant to attack from chemicals and aggressive ground salts
- Simple application - no primers or protection material required
- Facilitates flexible construction programming



Proofex Membranes

A range of high performance self adhesive membrane for a range of waterproofing applications including basements and substructures.

Proofex 3000 provides a vapour and waterproof membrane to water excluding structures and protects concrete from attack by aggressive ground salts.

Proofex Membranes are cold applied, flexible, waterproof, high performance membranes incorporating a cross laminated HDPE carrier film with a polymer modified bitumen compound.

Proofex 3000 should be laid in accordance with the provisions of BS 8102 :1990.

Where Proofex 3000 is being used as a floor DPM there, should be continuity with wall DPCs and other DPMs used in the structure.

Product	Description	Packaging
Proofex 3000	Waterproofing Membrane	20m x 1m.
Proofex 3000MR	Methane Resisting	20m x 1m x 1.2mm
Proofex 4000R	Reinforced Membrane	1.05m x 19m
Proofex Primer	Membrane Primer	5L & 25L

Applications

- Cross-laminated HDPE film for protection against damage
- Dimensionally stable Combines toughness with flexibility for detailing around corners
- Self adhesive layer system makes installation quick, simple and reliable
- Resistant to ground water, soluble sulphates and chlorides
- Suitable for waterproofing basements grades 2, 3 and 4 as defined in BS 8102 : 1990, 'Protection Of Structures Against Water From The Ground'



Famguard GS100

Famguard GS100 is a hot-applied pour and roll sheet membrane consisting of a 3 mm thick fully bonded water impermeable layer with green slate granule surface finish. All edge and end laps are also fully bonded.

Famguard GS100 incorporates a high tensile polyester fabric, impregnated and coated with blended oxidised bitumen. The high strength and robust nature of Famguard GS100 provide excellent resistance to puncture and damage.

Product	Packaging
Famguard GS100	1m x 8m x 3mm

Applications

- Bridge decks
- Elevated roadways
- Car park decks
- Access ramps



Proofex Hydromat



Pre or post-applied bentonite waterproofing membrane with unique surface bentonite impregnation for impermeable lap joints

Basement waterproofing protection to grades 2, 3 and 4 as defined in BS8102:1990. Provides a vapour and waterproof membrane in building and civil engineering structures and protection to the structure from attack by aggressive chemical substances in the ground.

A continuous layer of natural sodium bentonite is sandwiched between a needle-punched polypropylene geotextile (the cover layer) and a slit film woven geotextile (the carrier layer).

Product	Description	Packaging
Proofex Hydromat	Bentonite Waterproofing Membrane	1.2m x 2.42m.
Proofex Hydromat	Bentonite Waterproofing Membrane	2.42m x 15m
Hydromat Powder	Bentonite Granules	30Kg

Applications

- Unique impermeable lap joints
- Full surface contact between the bentonite impregnated cover and the concrete
- Quick and easy installation in almost all weather conditions
- Forms a tenacious mechanical bond to poured concrete when cast in situ
- No requirement for priming systems, joint taping or protection systems
- One product can be used in both pre-applied and post-applied construction



Proofex Sheet Drain

Wall Drainage system is a high performance geocomposite drainage system, incorporating a lightweight plastic core bonded to a geotextile filter to prevent the entry of any particles blocking the drainage system.

It is design to relieve the hydrostatic water pressure from the vertical walls of buried structures, such as basements, retaining walls, tunnels, reservoirs, bridge abutments, buried tanks etc..

Wall drainage system provides high flow capacity and added protection to waterproofing systems. It reduces the amount of excavation and enables site material to be used as backfill. As a secondary line of defence to channel water away from the structure it complies with Type 'C' design of BS8102.

Highly chemically resistant to all common chemicals, including fuels, salts, acids and alkalis.



Technical Data

Products	Packaging
Proofex Sheet Drain	0.97m x 50m

Applications

- Soldier Pile & Lagging
- Backfilled Concrete Foundation Walls
- Under Structural Floor Slabs
- Tunnel & Subways
- Metal Sheet Piling Retaining Walls
- Shotcrete or Guniting Walls



Proofex Cavity Drain



Slab Drainage System is a preformed cavity drainage system designed to relieve water penetration from basements, buried structures, underground car parks, and is suitable for new and existing structures.

Traditional methods of ground water exclusion are difficult to install reliably in the modern deep basement with piled slabs and secant piled walls.

This waterproofing system enables fast track construction by eliminating wet trades and removing the waterproofing installation from the critical path. For use in Type 'C' construction this will provide grade 4 protection as defined in: BS8102:1990, "Protection of structures against water from the ground" Highly chemically resistant to all common chemicals, including fuels, salts, acids and alkalis.

Technical Data

Products	Packaging
Proofex Sheet Drain	1.1m x 25m

Applications

- Soldier Pile & Lagging
- Backfilled Concrete Foundation Walls
- Under Structural Floor Slabs
- Tunnel & Subways
- Metal Sheet Piling Retaining Walls
- Shotcrete or Guniting Walls