

Proofex Self Adhesive PR15



constructive solutions

High performance SBS modified self adhesive waterproofing membrane with cross laminated HDPE film.

Uses

A high performance self adhesive membrane for a range of waterproofing applications including basements and substructures. Proofex Self Adhesive PR15 provides a vapour and waterproof membrane to water excluding structures and protects concrete from attack by aggressive ground salts

Advantages

- Cross-laminated HDPE film for protection against damage
- Can be easily terminated at corners due to its flexibility.
- Self adhesive layer system makes installation simple and easy.
- 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

Description

Proofex Self Adhesive PR15 is a cold applied, flexible, waterproof, high performance membrane incorporating a cross laminated HDPE carrier film with a polymer modified bitumen compound.

Typical Properties

Membrane thickness	: 1.5mm & 2mm
Softening Point (ASTM D 36)	: 103°C
Tensile strength (ASTM D 412)	
Longitudinal	: 3.5 N/mm ²
Transverse	: 3.5 N/mm ²
Elongation(ASTM D 412)	
Longitudinal	: 180%
Transverse	: 180%
Tear Resistance/strength (ASTM D 4073)	: 125 N
Hydrostatic pressure (DIN 1048)	: > 6 bar
Peel of adhesion (ASTM D 1000)	: > 3N/mm
Primed surface	

Note: The typical physical properties given above are derived from testing in a controlled laboratory environment. Results derived from testing field-applied samples may vary, dependent on actual site conditions.

Application instructions

Preparation

All concrete surfaces must be a wood float or shutter finish and free from cavities or projections.

Masonry surfaces must be flush pointed.

All surfaces must be clean, dry and free from contamination, ice and frost.

Priming

Vertical and suspended slab surfaces shall be primed with Proofex Tack Coat Primer /Proofex Torchseal Primer. Ensure complete coverage and allow to dry. Only prime an area to which the Proofex Self Adhesive PR15 can be applied the same day. Very porous surfaces may require more than one coat of primer.

Application

Application temperature range 5°C to 35°C.

Vertical application : Cut the Proofex Self Adhesive PR15 to length allowing 150mm for the end laps and position by peeling back the release paper and applying the self adhesive face to the prepared surface.

Start at the bottom of the wall and work upwards by progressively removing the release paper in stages. Proofex Self Adhesive PR15 should be applied to ensure that all end laps are weathered.

Horizontal application

Completely unroll the Proofex Self Adhesive PR15 membrane and place against a chalk line. One half of the roll should then be rolled up to the mid point, the release paper carefully cut, without damaging the Proofex Self Adhesive PR15 membrane and progressively removed from the mid point out to the end of the roll.

This process should be repeated on the other half of the roll. The Proofex Self Adhesive PR15 membrane should be brushed onto the surface to ensure good bonding.

The next roll or length is aligned against the previously applied piece allowing for the 75 mm minimum edge laps and 150 mm end laps and applied as stated previously. The edge and end laps should be rolled to ensure complete adhesion and continuity between the layers.

Note : Proofex SBS membrane must be covered or protected by protection board followed by back filling. Proofex SBS membranes should not be left open for longer period, it leads de-bonding from the surface.

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Protection

Proofex Self Adhesive PR15 membrane should be protected from physical damage and weathering as soon as possible after application. Surfaces should be protected with Protection Board against damage or can also be covered with Proofex Sheetdrain to give protection and a drainage layer.

Estimating

Proofex Self Adhesive PR15

Roll size:	1 m x 20 m & 1m x 15m
Edge laps:	75 mm minimum
End laps:	150 mm minimum
Proofex Tack Coat Primer / Proofex Torchseal primer	
Coverage:	3 to 6 m ² /litre
Pack size :	20 and 200 litre drums

Precautions

Health and Safety

There are no health hazards associated with the use of Proofex Self Adhesive PR15.

If Proofex Tack Coat is swallowed, do not induce vomiting - drink

a glass of water. If contact with eyes occurs, flood with copious amounts of clean water for atleast 15 minutes and seek medical advice. If on the skin, remove any contaminated clothing and wash skin thoroughly.

For further information, please consult Material Safety Data Sheets for the above products.

Fire

Proofex Self Adhesive PR15 and Protection Board are flammable. Keep away from sources of ignition. Do not smoke in the presence of these products. Proofex Tack Coat & Proofex Torchseal primer contains volatile flammable solvents. Use only in ventilated areas, well away from any ignition source.

Flash Point

Proofex Tack coat	> 39°C
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