

A pre-fabricated reinforced multi-ply waterproofing for structural concrete

PRODUCT

Self-ad P is a self adhesive cold applied modified bituminous waterproofing sheet membrane. Preformed by impregnating and coating a robust, rotproof, damage-resistant core reinforcement with a polymer-modified rubber compound, it comes with a polyester reinforcement.

SCOPE OF USE

Self-ad P is a general purpose waterproofing membrane suitable for different waterproofing application. Mainly recommended but not restricted to:

- Basement
- Foundation dressing
- Piles and Footing Wrapping
- Bathroom and kitchen waterproofing
- Terraces and covered roofs
- Outside protection
- For manholes and water retaining structures
- Tanking

ADVANTAGES

- Provide excellent barrier against vapour and water.
- Ideal for the protection of substructures where corrosive ground water salts are present.
- Excellent elongation and recovery characteristics.
- Self sealing to minor punctures.

APPLICABLE STANDARD

Complies to BS 8102 (1990)

INSTRUCTIONS FOR USE

SURFACE PREPARATION

The surface must be clean, smooth and free from any laitance or loose particles. It should be fully dry.

MEMBRANE LAYING

Heat the prime surface before applying the membrane, with a gas torch or hot air blower, at temperature below 5 °C surfaces should be free from condensation (Ice/Frost).

On horizontal surfaces, open the roll and lay it completely on the floor. If necessary mark the floor along the whole length to ensure straight alignment.

While two applicators start peeling off the release film, a third one presses the membrane firmly on the ground.

Place the adjacent membrane straight along the provided selvedge and repeat the same steps. If any mistake in



PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
1X10 m	1X10 m	1X10 m	1X10 m	1X10 m	1X10 m	1X150 m	1X10 m

aligning the rolls, lift them slowly and replace them again.

Once the rolls are well placed, roll their surface with a wooden roller, taking extra care on the joints thus ensuring a long lasting bond.

On vertical surfaces, cut the rolls according to the required height and place them as per the above detailed procedure.

PROTECTION

Self-ad P is provided with a tough surface, however, in underground application especially on vertical surfaces it is highly recommended to protect the membrane with suitable protection like Proboard.

STORAGE

Rolls should be stored vertically, in dry areas under cover, away from direct sunlight.

PROPERTIES	TYPICAL VALUES	TEST METHOD
Reinforcement	200 g/m ² non woven polyester mat	
Thickness	4 mm	ASTM D5147
Elongation		
Longitudinal	40%	EN 12311-1
Transverse	50%	
Tensile Strength of Membrane		
Longitudinal	19 N/mm	ASTM D638
Transverse	12 N/mm	
Tear resistance		
Longitudinal	600 N	ASTM D5147
Transverse	400 N	
Adhesion to primed concrete	1.80 N/mm	ASTM D1000
Adhesion to self	1.80 N/mm	ASTM D1000
Water Vapour transmission	0.10 g/m ² /24 Hr	ASTM E154
Water absorption	<0.15%	ASTM D5147
Flexibility at low temperature	-15°C	ASTM D5147
Resistance to static loading (method A)	20 N	EN 12730
Puncture resistance	1100;59 N;mm	ASTM E154
Reaction to fire	F	EN 13501-1

DISCLAIMER

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