



Approved Quality
Management System
AS/NZS ISO 9001:2008
Lloyds Register-Certificate
No. MEL 0927759

Technical Data Sheet

PREMSEAL 100 MEMBRANE

Description:	A tough, durable, high performance flexible membrane for waterproofing and sealing protection in construction industries. It is specifically designed as a barrier to prevent moisture or water ingress.
Composition:	A highly self adhesive bituminous compound backed with a biaxially oriented and cross laminated high density polyethylene film.
Characteristics:	<ul style="list-style-type: none">• simple, fast and easy to apply, no special tools required• a flexible, robust, 1.50mm nominal thickness membrane• water and vapour resistant• offers full protection for all weather situations• selvedge strip promotes immediate, secure lap sealing on edges• can help prevent mould by sealing out moisture
Uses:	Ideal for waterproofing and sealing of foundations, basements, roofs, plaza decks, lift shafts, pits, car parks, subways and bathrooms. Has many other uses in marine situations to seal, weatherproof and prevent corrosion.
Surface Preparation & Application:	Ensure that surface is free from dirt, dust, contamination and if possible dry. Remove any loose material using a scraper or wire brush. To promote adhesion in cold weather it is preferable to warm up the tape to at least 15°C before application. Unwind and cut tape to required length. Peel back about 5cm of the release liner and with firm pressure apply the product to the surface. Ensure intimate contact is made with the substrate and that no air is trapped. Mould the tape around bends and corners. Using a cloth or small roller ensure that all edges and overlaps are forming proper seals and installed in a manner were they will be self draining. Overlaps should be at least 25mm.
Primer:	Porous or pitted surfaces such as concrete or brick should be primed prior to application with a bitumen based primer such as Denso Primer D. Always ensure volatile content of primer has evaporated before applying the tape. Do not trap solvents between the tape and the surface being protected.
Recommended Temperatures:	Application: + 15 to + 45 °C Service: - 10 to + 90 °C Peak: + 95 °C
Storage:	Store in a cool, dry area away from direct sunlight, preferably in original cartons.
Available Sizes /Product Code:	1000 mm wide x 20 m long logs Other sizes available on request by special arrangement. Product code: B951900



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Physical Properties:	Test	Method	Units	Typical Values
	Thicknesses - Backing - Adhesive - Total	ASTM D751	mm	0.1 1.4 1.50 ± 0.20
	Total Weight	ASTM D751	kg/m ²	1.60 ± 0.16
	Density	ASTM D792	kg/L	0.96
	Breaking Strength	ASTM D1000	N/mm	5.0
	Elongation at Break	ASTM D1000	%	300
	Puncture Resistance	ASTM E154	N	230
	Impact Resistance	ASTM G14	J	1.3
	Tear Strength	ASTM D1004	N	30
	Adhesion Strength - 180° to steel	ASTM D1000	N/mm	≥ 3.0
	Water Vapour Transmission Rate	ASTM E96	g/m ² .24hr	0.30
	Water Penetration - Joint	MOAT27 5.1.4	%	Nil
	Dimensional Stability	ASTM D1204	%	- 0.2