

## DENSO WATERPROOFING SYSTEMS

### Description:

Premseal 100 is a high performance, self-adhesive membrane constructed from an oriented laminate of high density polyethylene sheeting laminated to a bitumen-polymer modified self adhesive compound. The product is a tough, durable, self-adhesive sheet with an overall thickness of 1.5mm

### Uses:

It's Primary use is for internal and external tanking to prevent the ingress of water and water borne aggressive salts such as chlorides and sulphates penetrating concrete structures. Being water and vapour resistant, Premseal 100 has many waterproofing applications in the construction industry.

A feature unique to the Premseal 100 is the double selvedge, which enables a fast and permanent seal on all side edge laps.

### Application:

Ideal for waterproofing:  
Foundations Basements, Roofs & Plaza Decks,  
Lift Shafts Pits, Car Parks, Service Reservoir  
Roofs, Subways and Bathrooms.

### Storage:

Store in original packaging in a cool, dry place.  
Recommended shelf life is 12 months.

### Safety:

No special precautions required



## Features and Benefits of Denso Premseal 100 :

- Factory controlled thickness
- Self sealing to minor damage
- Rapid sealing and bonding
- Selvedge strip to promote immediate lap sealing
- Fast and easy application
- High puncture resistance
- No naked flame or drying
- High joint resistance to water pressure and Water vapour transmission

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### Typical Properties:

<b>Colour:</b>	Dark Grey/Black
<b>Backing Thickness:</b>	0.1 mm
<b>Backing Type:</b>	HDPE cross laminated
<b>Adhesive Thickness:</b>	1.40 mm
<b>Total Thickness:</b>	1.50 mm

### Roll Dimensions:

<b>Roll width:</b>	1000 mm
<b>Roll length:</b>	20 m
<b>Roll weight:</b>	36 kg/roll
<b>Carton Size:</b>	260 x 260 x 1100 mm

Test	Test Method	Value
Membrane Strength:	ASTM D1000	3.5 N/mm
Elongation:	ASTM D1000	300 %
Puncture Resistance:	ASTM E154	230 N
Adhesion (180° Peel):	ASTM D1000	3.5 N/mm
Water Vapour Transmission:	ASTM E96	0.30 g/m <sup>2</sup> /24h
Water Penetration Joint:	MOAT 27 5.1.4	Nil %
Dimensional Stability Longitudinal: Lateral:	MOAT 27 5.1.6	-0.1 % -0.2%



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



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