

## DENSO WATERPROOFING SYSTEMS

### Description:

Premseal 450 is a high performance, self-adhesive membrane constructed from strong polyethylene mesh partially embedded into a special self adhesive polymer/bitumen compound.

### Uses:

Designed for the waterproofing of bridges, car park decks and trafficked structures where a high shear resistance to damage is needed. Suitable for new construction, refurbishment and repair application to be topped with hot Premix.

### Application:

Ideal for waterproofing:  
Roofs & Plaza Decks, Car Park Decks.

### 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 Premseal 450 :

- 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>Backing Thickness:</b>	0.45 mm
<b>Backing Type:</b>	PP-weave
<b>Adhesive Thickness:</b>	1.50 mm
<b>Total Thickness:</b>	1.95 mm

### Roll Dimensions:

<b>Roll Width:</b>	1025 mm
<b>Roll Length:</b>	19.55 m
<b>Roll Weight:</b>	34kg/roll
<b>Carton Size:</b>	260 x 260 x 1100 mm

Test	Test Method	Value
Membrane Strength:	ASTM D1000	25.0 N/mm
Elongation:	ASTM D1000	50 %
Puncture Resistance:	ASTM E154	900 N
Adhesion (180° Peel):	ASTM D1000	4.0 N/mm
Water Vapour Transmission:	ASTM E96	0.50 g/m <sup>2</sup> /24h
Water Penetration Joint:	MOAT 27 5.1.4	Nil %
Dimensional Stability Longitudinal: Lateral:	MOAT 27 5.1.6 (80°C)	Nil Movement



Approved Quality Management System  
AS/NZS ISO 9001:2008  
Lloyds Register – Certificate N° Mel 0927759



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