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PRODUCT DATA SHEET

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PREMSEAL 100

ADHESIVE WATERPOOF MEMBRANE SHEETING

USES

PREMSEAL 100 is a self-adhesive sheet membrane constructed from an oriented cross laminated high density polyethylene sheeting and a bitumen-polymer adhesive compound.

The product is a tough, durable, self-adhesive sheet with an overall thickness of 1.5 mm.

TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNITS	DATA
DIMENSIONS			
Backing Thickness	-	mm	0.10
Backing Type	-	-	HDPE
Adhesive Thickness	-	mm	1.40
Total Thickness	-	mm	1.50
Width	-	mm	1050
Length	-	m	19.05
Weight	-	kg/m ²	1.7
Carton Size	-	mm	260 x 260
			x 1100
Carton Weight	-	kg	35
MECHANICAL PROPERTIES			
Membrane Strength	ASTM D1000	N/mm	5.0
Elongation	ASTM D1000	%	300
Puncture Resistance	ASTM E154	N	230
Adhesion (180° Peel)	ASTM D1000	N/mm	4.0
FUNCTIONAL DATA			
Water Vapour Transmission	ASTM E96	g/m ² /24h	0.30
Water Penetration % Joint	MOAT 27 5.1.4		Nil
Dimensional Stability	MOAT 27 5.1.6 (80°C)	%	
Longitudinal			-0.1
Lateral			-0.2

Note - the Typical Data shown in this leaflet is intended as a general guide and is based on tests carried out under controlled conditions. For further information on Product Specification consult Premier Coatings Ltd.