

PREMCOTE 50

PIPELINE CORROSION PROTECTION TAPE

PREMCOTE 50 is an anti-corrosion tape with a cross laminated high density polyethylene backing bonded to a rubberised bitumen adhesive. PREMCOTE 50 provides an economical solution for the wrapping of pipelines in situations where the risk of mechanical damage or stress is low.

TYPICAL DATA

PROPERTY	TEST METHOD	DATA	UNIT
<b>MECHANICAL</b>			
Backing Film Colour	-	Black/Blue	-
Backing Film Type	-	HDPE	-
Backing Thickness	ASTM D1000	100	µm
Total Thickness	ASTM D1000	0.5	mm
Elongation	ASTM D1000	300	%
Tape Strength	ASTM D1000	5.0	N/mm
Adhesion (180° peel)			
To Primed Steel	ASTM D1000	3.0	N/mm
To Self	ASTM D1000	3.0	N/mm
<b>ELECTRICAL</b>			
Dielectric Strength	ASTM D1000	12	KV
Insulation Resistance	ASTM D257	1,000,000	Ohm
Cathodic Disbondment Resistance		Excellent	
<b>WATER</b>			
Water Vapour Transmission	ASTM E96	0.60	g/m <sup>2</sup> /24hr
Water Absorption	ASTM D570	0.15	wt.%
<b>APPLICATION</b>			
Temperature Range Wrapping +		+5 - +50	°C
Temperature Range In Service		-30 - +75	°C

+The substrate must not be less than 3°C above the dew point.

PREMCOTE 50 is normally used with Premcote Primer.

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.