

PREMCOTE 1500

Heavy Duty PVC/Bitumen Pipeline Tape

Description

Premcote 1500 is a cold applied thick polymer bitumen adhesive, laminated to a tough plasticized PVC backing.

Uses

Premcote 1500 is a pipeline anti-corrosion tape for long term corrosion protection of generally large diameter pipes or in heavy soils where the risk of soil stress or damage is high.

Features

- Applied to marginally prepared surfaces (SSPC SP 2-3)
- Cold applied
- Good conformability
- Very good impact resistance
- Excellent adhesion to pipe and self
- Excellent resistance to cathodic disbonding
- Compatible with common pipe coatings

Application

Prepare surfaces by removing all loose scale, rust or other foreign matter by grit blasting or wire brush. Surface must be clean, dry and free of grease. Apply thin film of Premcote Primer to all surfaces to be wrapped and allow to dry. Peel back interleaving and apply adhesive side of the tape to the primed surface and press down. Apply the tape spirally with enough tension to make it conform. Remove interleaving as wrapping proceeds. Overlap each turn by at least 1" (25 mm) or 55% to achieve double thickness.

Irregular surfaces such as valves, flanges, etc. may require the use of Premier Molding Compound or Premier Mastic. Refer to the product sheets for these specific products for information on application and selection.



Premcote 1500

Property Specifications

PROPERTIES	PREMCOTE 1500		PREMCOTE 1500 TROPICAL	
	ENGLISH	METRIC	ENGLISH	METRIC
Thickness (ASTM D1000)				
Backing	30 mils	0.75 mm	30 mils	0.75 mm
Adhesive	35 mils	0.90 mm	35 mils	0.90 mm
Total	65 mils	1.65 mm	65 mils	1.65 mm
Weight	.43 lbs/ft ²	2.1 kg/m ²	.43 lbs/ft ²	2.1 kg/m ²
Breaking Strength (ASTM 1000)	57.1 - 85.7 lbf/in.	10 - 15 N/mm	57.1 - 85.7 lbf/in.	10 - 15 N/mm
Tear Strength (ASTM 1004)	7.9 lbf	35 N	7.9 lbf	35 N
Elongation @ Break	300%	300%	300%	300%
Adhesion Peel Strength (ASTM D1000)				
To Primed Steel	17.1 - 20 lbf/in.	3.0 - 3.5 N/mm	17.1 - 20 lbf/in.	3.0 - 3.5 N/mm
To Self	17.1 - 20 lbf/in.	3.0 - 3.5 N/mm	17.1 - 20 lbf/in.	3.0 - 3.5 N/mm
Impact Strength (ASTM G-14) Two Layers	6.6 - 8.9 ft lb	9 - 12 Nm	6.6 - 8.9 ft lb	9 - 12 Nm
Dielectric Strength	40 kV	40 kV	40 kV	40 kV
Cathodic Disbondment Resistance (ASTM G-8 30 Days at 23°C)	3 mm	3 mm	3 mm	3 mm
Insulation Resistance (ASTM D257)	1,000,000 Ohm	1,000,000 Ohm	1,000,000 Ohm	1,000,000 Ohm
Temperature Range				
Wrapping	41°F - 122°F	5°C - 50°C	41°F - 122°F	5°C - 50°C
In Service	-22°F - 140°F	-30°C - 60°C	-22°F - 167°F	-30°C - 75°C
Roll Widths	2" - 12"	50 - 300 mm	2" - 12"	50 - 300 mm
Roll Length	40 ft	12 m	40 ft	12 m
Recommended Primer	Premcote Primer			
Backing Film Color	Black or Blue			

Quantity Estimates

Tape Width	Tape Length	Rolls/Case	Coverage with 1" Overlap	Coverage with 50% Overlap
in.	ft.	ea.	ea.	ea.
2"	40'	12	36 ft ² /case (3.35 m ² /case)	36 ft ² /case (3.35 m ² /case)
4"	40'	8	80 ft ² /case (7.43 m ² /case)	48 ft ² /case (4.46 m ² /case)
6"	40'	4h	67 ft ² /case (6.23 m ² /case)	36 ft ² /case (3.35 m ² /case)

*Wider rolls are available upon special request.



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