

## Premcote 500 Tropical

Medium-duty anti-corrosion tape for long-term corrosion protection

### Composition

Premcote 500 Tropical is comprised of polymer modified bitumen coated onto a tough, plasticised PVC film. The bitumen compound is protected by a release paper, wider than the tape, which is discarded during application.

### Uses

Premcote 500 Tropical is designed for the protection of small and medium diameter pipes, welded joints, bends and fittings. The combination of tough, yet conformable PVC backing and polymer bitumen compound ensures good contact with the metal substrate and excellent adhesion.

Service Temperature: -20°C to +75°C

### Characteristics

Premcote 500 Tropical is:

- extremely conformable,
- suitable for hand or machine application,
- resistant to cathodic disbondment, and
- resistant to acid, alkali and salts.

### Typical Properties

Total Thickness	1.12 mm	ASTM D1000
Backing Film Thickness	0.37 mm	ASTM D1000
Compound thickness	0.75 mm	ASTM D 1000
Weight	1.3 kg/m <sup>2</sup>	
Elongation at break	260%	ASTM D1000
Tear strength	30 N/mm	ASTM D1000
Adhesion (180° peel)		ASTM D1000
to primed steel	3 N/mm	(24 hrs)
to self	3 N/mm	
Impact Resistance (two layers)	4 Nm	ASTM G14
Dielectric Strength	30 kV/mm	ASTM D1000
Insulation Resistance	10 <sup>6</sup> MΩ	ASTM D257

### Application

See *Instructions for Use* for further details

Primer: Premcote Primer

Premcote 500 Tropical is applied over Premcote Primer by wrapping spirally around the pipe with 55% overlap.

Application Temperature: +15°C to +50°C

### Availability

Premcote 500 Tropical is available in 12m rolls,

- core diameter (internal): 76 mm
- 50 to 300 mm widths.

Other sizes may be available on request.

### Storage conditions

Store in a cool dry place in original packaging.

### Waste material

Please minimise or avoid waste wherever possible. Please do not discard waste material, including packaging, in the surrounding environment. Follow all relevant legislation for disposal.

Important: Premier Coatings Ltd. pursue a policy to develop and continually improve all of our products and therefore the information given in this data sheet is intended as a general guide and does not constitute a warranty of specification. However, our sales personnel are committed to assist the user in establishing the suitability of the product for its intended purpose and additional specific information is available on request. Premier Coatings Ltd operate a Quality Management System registered to BS EN ISO 9001 (BSI Certificate no. Q09303) and an Environmental Management System registered to BS EN ISO 14001 (BSI Certificate no. EMS 677780).

Page 1 of 1

Revision date: 30/11/2020