

## Premcote 1000 Tropical

Heavy-duty corrosion protection tape for buried or immersed pipes and fittings

### Composition

Premcote 1000 Tropical is comprised of a thick polymer-modified bitumen compound laminated to a tough PVC backing. The compound layer is protected by an interleaving, which is wider than the tape and is removed during application

### Uses

Premcote 1000 Tropical is a robust heavy-duty tape designed for the corrosion protection of medium and large diameter, buried or immersed pipes, welded joints, bends and fittings. The combination of a tough PVC backing and a thick, polymer-modified bitumen layer ensures complete protection and exceptional resistance to damage by impact or poor backfill and in aggressive ground conditions. Premcote 1000 Tropical has been formulated for use in hot and tropical climates

Service Temperature: -20°C to +75°C

### Characteristics

Premcote 1000 Tropical is:

- resistant to water, water vapour and gases,
- resistant to acids, alkalis and salts,
- exceptionally resistant to damage, and
- resistance to cathodic disbondment.

### Typical Properties

| Colour                        | Black              | Visual           |
|-------------------------------|--------------------|------------------|
| Thickness                     |                    |                  |
| <i>PVC Backing</i>            | 0.50 mm            | ASTM D1000       |
| <i>Adhesive</i>               | 1.10 mm            |                  |
| <i>Total</i>                  | 1.60 mm            |                  |
| Core Size                     | 76 mm I.D.         |                  |
| Breaking Strength             | 10.0 N/mm          | ASTM D1000       |
| Elongation @ Break            | 300% average       | ASTM D1000       |
| Tear strength                 | 35 N               | ASTM D1004       |
| Adhesion Strength (180° peel) |                    |                  |
| <i>To Primed Steel</i>        | 3.0 N/mm           | ASTM D1000 - 24h |
| <i>To Self</i>                | 3.0 N/mm           | ASTM D1000 - 24h |
| Impact Resistance             | 8 Nm               | ASTM G14         |
| Dielectric Strength           | 30 kV              | ASTM D1000       |
| Insulation Resistance         | 10 <sup>6</sup> MΩ | ASTM D257        |

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