

THE ALL TERRAIN PIPELINE PROTECTION SYSTEM**The Features:**

- Dual reinforcement, integral semi elasticised reinforcing layer and hi-impact backing
- Tenacious adhesion
- 1.5mm tape thickness
- Over width interleaving

The Advantages:

- Durability, high conformability and controlled elasticity
- Assured permanent bonding to self, steel and shop coatings
- Results in a full 3mm coating thickness when applied with 55% overlap
- No dirt 'pick up' during handling

The Benefits:

- Ease of application, a rugged resistance to impact, minimises holiday risk
- Keeps moisture and electrolyte away from substrate negating corrosion process
- Highly resistant to soil stress and ground movements, enables use with confidence in harshest of conditions
- Risk of soil contamination is minimised and coating integrity is assured

Description

The Densopol 60 System comprises Denso Primer 'D' and Densopol 60 Tape.

The Densopol 60 System presents one of the most rugged pipewraps ever developed, combining both durability and hi-conformability. An absolutely unique feature of this system is the semi-elasticised reinforcing layer integral in the polymer bitumen mastic adhesive. This combined with a specially callendered hi-impact PVC backing, results in impact resistance values, unrivalled by other pipe coating products.

The Densopol 60 System is characterised by superb adhesion to self, to steel and shop coatings and when applied with a 55% overlap results in a 3000 microns finished coating thickness.

To eliminate the possibility of dirt pick-up during site handling, Densopol 60 Tape is furnished with an overwidth siliconised release paper.

**Application****1. Denso Primer 'D' - Component 1**

Surface to be thoroughly cleaned to remove rust, mill scale weld spatter and other deleterious materials.

Brush roller or spray apply primer to clean dry substrate and allow to tack dry.

2. Densopol Mastic Strip - Component 2

Where necessary, contour irregular profiles such as weld beads, shoulders with mastic strip.

3 Densopol 60 Tape - Component 3

Peel back interleaving for approx. 200mm apply adhesive mastic to primed substrate. Apply in spiral action incorporating a 55% overlap. Employ sufficient tension to achieve conformability and intimate substrate contact.

DENSOPOL 60

TECHNICAL DATA

- Typical Applications:** Custom designed and formulated for use on buried and on above ground submarine line pipe, welds, bends and fittings.
- Tenacious Adhesion:** Self adhesive polymer bitumen mastic layer provides self sealing joints at longitudinal and end of roll overlaps and is highly resistant to cathodic disbondment.
- Rugged and Conformable Controlled Elasticity:** Dual reinforcing system, combining an integral semi-elasticised reinforcing layer in polymer bitumen mastic, plus a specially callendered hi-impact PVC backing, ensures rugged durability and a remarkable degree of conformability and controlled elasticity.
- Overwidth Interleaving:** Overwidth silicone coated interleaf prevents edge of roll dirt 'pick up' during site handling minimising risk of contamination and ensuring coating integrity.
- Cold Applied by Hand:** Fast and simple application every time by hand. No equipment necessary.
- Climatic Criteria:** For use in temperate and tropical regions.

Systems Physical Data

Property	Test Method	Unit	Value
Thickness:	ASTM D1000	mm	1.5
Weight:	-	kg/m ²	1.6
Modules at 10% elongation:	ASTM D1000	N/mm	N/A
Breaking strength:	ASTM D1000	N/mm	9
Elongation at break:	ASTM D1000	%	12
Tear strength:	ASTM D1004	N	45
Adhesion to steel (180° Peel)			
To steel:	ASTM D1000	N/mm	3.5
To self:	ASTM D1000	N/mm	2.5
Impact strength			
Round Tup:	ASTM G14	J	5
Chisel Tup:	BG/PS/CW2	J	2.5
Insulation resistance:	BS2782(204A)	Ω	> 10 ¹²
Breakdown voltage:	BG/PS/CW2	kV	> 30
Cathodic disponding resistance:	ASTM G8 Method A 30 Days	mm ²	< 200 (Group B)

All statements/data presented herein are given in good faith and believed to be appropriate and reliable. However, it is given without express or implied warranty or guarantee. Potential users of our materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use, prior to purchase.



Approved Quality Management System
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