

Densoclad 70

A heavy-duty anti-corrosion tape for long-term corrosion protection

Composition

Densoclad 70 is comprised of a tough PVC backing coated with rubber-modified bitumen compound. The compound is protected by an interleaving removed during application.

Uses

Densoclad 70 is used for the long-term protection of medium and large-diameter pipelines, welded joints, bends and fittings and in heavy soils where there is high risk of soil stress or damage.

Service temperature: -20°C to +60°C

Characteristics

Densoclad 70 is:

- resistant to cathodic disbondment,
- suitable for use in heavy soils, and
- suitable for use where damage risk is high.

Typical Properties

Thickness		
<i>Backing</i>	0.75 mm	ASTM D1000
<i>Adhesive</i>	0.90 mm	
<i>Total</i>	1.65 mm	
Tape Strength	10 N/mm	ASTM D1000
Elongation at Break	300%	ASTM D1000
Modulus (50% extension)	3.0 N/mm	ASTM D1000
Adhesion Peel strength		
<i>To primed steel</i>	3.0 N/mm	ASTM D1000
<i>To self</i>	3.0 N/mm	
Impact Resistance (two layers)	9 Nm	ASTM G14
Dielectric Strength	40 kV	ASTM D1000
Insulation Resistance	10 ⁶ MΩ	ASTM D257
Water Vapour Transmission	0.4 g/m ² /24hrs	ASTM E96
Water Absorption	0.15% (wt.)	ASTM D570

Application

See *Instructions for Use* for additional detail.

Recommended primer: Denso Primer D
Densoclad 70 is applied over Denso Primer D by wrapping spirally around the pipe with 55% overlap.

Application temperature: +5°C to +45°C

Availability

Densoclad 70 is available in blue or black backing as 12 metre rolls with 50 mm, 75 mm, 100 mm or 150 mm width. Other lengths and widths may be available on request.

Storage conditions

Store in a cool and dry place in original packaging.

Waste material

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

Important: Winn & Coales (Denso) 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. Winn & Coales (Denso) Ltd operate a Quality Management System registered to BS EN ISO 9001 (BSI Certificate no. FM01548) and an Environmental Management System registered to BS EN 14001 (BSI Certificate 583748).