



Approved Quality  
Management System  
AS/NZS ISO 9001:2008  
Lloyds Register-Certificate  
No. MEL 0927759

## Technical Data Sheet

### **BITUMEN MASTIC STRIP**

<b>Description:</b>	A permanently non-hardening bitumen mastic, mouldable by hand. Combination filler and/or tape wrapping.
<b>Composition:</b>	A blended adhesive promoted bitumen compound.
<b>Characteristics:</b>	<ul style="list-style-type: none"> <li>• stable in composition and plasticity over a wide temperature range</li> <li>• non hardening or cracking</li> <li>• accommodates vibration and movement of substrate</li> <li>• highly resistant to mineral acids, alkalis and salts</li> <li>• colour: black; Solids Content: 100%w/w</li> </ul>
<b>Uses:</b>	<ul style="list-style-type: none"> <li>• repair of damaged areas, filling holes or cracks in factory coated pipes</li> <li>• contouring weld beads and cut backs prior to wrapping welded joints</li> <li>• contouring seams on spiral and seam welded pipe</li> <li>• filling or wrapping of bolted connections in junction boxes</li> <li>• sealing exposed electrical cable ends</li> <li>• a component of Denso Steelcoat and pipeline corrosion protection systems</li> </ul>
<b>Surface Preparation:</b>	Prepare steel to St2 (power brushed) / AS1627 P.2 (minimum) Edges should be chamfered to remove step down. Approximately a 100mm band of the pre-existing factory coatings should be abraded and solvent (toluene) degreased either side of a joint.
<b>Application:</b>	<p><b>Primer</b> Densopol Primer D should be applied to the prepared substrate at a rate of 9 - 11m<sup>2</sup>/litre and allowed to tack dry (10 to 20 minutes), prior to the use of Bitumen Mastic Strip.</p> <p><b>Profiling</b> Denso Bitumen Mastic Strip is applied to contour weld beads, step downs on shop coatings and fills irregular surfaces so that subsequently applied tape can conform smoothly to the substrate being protected. It can be cut into smaller strips and moulded into crevices and cavities.</p> <p><b>Wrapping</b> When using Denso Bitumen Mastic Strip as a tape wrap apply without overstretching. Apply a 55% overlap of tape to effectively provide a double layer. Smooth down and mould by hand especially all overlapped edges.</p>
<b>Recommended Temperatures:</b>	Application (mastic): + 15 to + 50 °C Service: - 20 to + 75 °C Peak: + 75 °C
<b>Shelf Life:</b>	≥ 2 years
<b>Storage:</b>	In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.
<b>Available Dimensions:</b>	Widths: 50, 100 mm. Length: 10 metre roll, minimum.

<b>Physical Properties:</b>	<b>Test</b>	<b>Test Method</b>	<b>Units</b>	<b>Value</b>
	Weight	ASTM D751	kg/m <sup>2</sup>	3.25 ± 0.15
	Thickness	ASTM D1000	mm	3.00 ± 0.30
	Density @ 15°C	ASTM 1475	kg/L	1.10
	Flash Point	ASTM D92	°C	≥ 200
	Dielectric Strength	ASTM D149	kV	≥ 10