



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

Technical Data Sheet

BITUMEN MASTIC STRIP

Description:	A permanently non-hardening bitumen mastic, mouldable by hand. Combination filler and/or tape wrapping.
Composition:	A blended adhesive promoted bitumen compound.
Characteristics:	<ul style="list-style-type: none"> stable in composition and plasticity over a wide temperature range non hardening or cracking accommodates vibration and movement of substrate highly resistant to mineral acids, alkalis and salts colour: black; Solids Content: 100%w/w
Uses:	<ul style="list-style-type: none"> repair of damaged areas, filling holes or cracks in factory coated pipes contouring weld beads and cut backs prior to wrapping welded joints contouring seams on spiral and seam welded pipe filling or wrapping of bolted connections in junction boxes sealing exposed electrical cable ends a component of Denso Steelcoat and pipeline corrosion protection systems
Surface Preparation:	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.
Application:	<p>Primer Densopol Primer D should be applied to the prepared substrate at a rate of 9 - 11m²/litre and allowed to tack dry (10 to 20 minutes), prior to the use of Bitumen Mastic Strip.</p> <p>Profiling 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>Wrapping 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>
Recommended Temperatures:	<p>Application (mastic): + 15 to + 50 °C</p> <p>Service: - 20 to + 75 °C</p> <p>Peak: + 75 °C</p>
Storage:	In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.
Available Dimensions:	Widths: 50, 100 mm. Length: 10 metre roll, minimum.

Physical Properties:	Test	Test Method	Units	Value
	Weight		ASTM D751	kg/m ²
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