



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

Technical Data Sheet
ULTRASEAL TAPE

Description:	A tough, durable, flexible tape for the corrosion protection of above ground steel structures.
Composition:	An acrylic coated non woven fabric backing coated with a bituminous adhesive compound. Includes a release liner (interleaving) which is removed prior to use, for ease of application and handling.
Characteristics:	<ul style="list-style-type: none"> • sticks and bonds rapidly and permanently to clean dry surfaces • fast and simple to apply • no special tools or drying required • flexible, long lasting, self sealing to minor substrate blemishes • can help prevent mould by sealing out moisture • no volatile components
Uses:	<ul style="list-style-type: none"> • a component of the Denso Steelcoat 400 System • protection of above ground steelwork such as steel girders and bridges
Surface Preparation & Application:	<p>Ensure that surface is free from dirt, dust, contamination and if possible dry. Remove any loose material using a scraper or wire brush.</p> <p>To promote adhesion in cold weather it is preferable to warm up the tape to at least 15°C before application.</p> <p>Unwind and cut tape to required length.</p> <p>Peel back about 5cm of the release liner and with firm pressure apply the product to the surface. Ensure intimate contact is made and that no air is trapped.</p> <p>Mould the tape around bends and corners.</p> <p>Using a cloth or small roller, ensure that all edges and overlaps are forming proper seals and installed in a manner where they will be self draining. Overlaps should be at least 25mm.</p>
	<p>Primer</p> <p>To promote adhesion and fill porous surfaces substrates should be primed prior to tape application with a bitumen based primer such as Denso Primer D or Denso Penetrating Primer.</p> <p>Always ensure volatile content of primer has evaporated before applying the tape. Do not trap solvents between the tape and the surface being protected.</p>
	<p>Topcoat</p> <p>For long lasting ultraviolet radiation protection Denso Acrylic (Topcoat) Coating or Denso Epoxy Topcoat can be used.</p>
Recommended Temperatures:	<p>Application (tape): + 15 to + 50 °C</p> <p>Service: - 10 to + 65 °C</p> <p>Peak: + 65 °C</p>
Storage:	Store in a cool, dry area away from direct heat and sunlight.
Available Sizes:	<p>Roll Widths: 125, 150, 200, and 250 mm</p> <p>Roll Lengths: 15 M</p> <p>Other sizes available on request.</p>



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

<p>Technical Data Sheet <u>ULTRASEAL TAPE</u></p>

Physical Properties:	Test	Method	Units	Value
	Total Thickness	ASTM D751	mm	1.40 ± 0.15
	Total Weight	ASTM D751	kg/m ²	1.42 ± 0.10
	Breaking Strength	ASTM D1000	N/mm	≥ 3.0
	Elongation at Break	ASTM D1000	%	45 ± 10
	Adhesion - to steel	ASTM D1000	N/mm	≥ 2.5
	- to self			≥ 2.0
	Dielectric Strength	ASTM D149	kV	> 25