



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

Technical Data Sheet
SEASHIELD SEAL T TAPE

Description:	Synthetic fabric based tape impregnated and coated with petrolatum based compounds developed for the protection of surfaces on marine structures.
Composition:	Non-woven synthetic fabric carrier fully impregnated and coated with neutral petrolatum based compounds. Includes inert siliceous mineral fillers, water displacing and biocidal agents.
Characteristics:	<ul style="list-style-type: none"> • stable in composition and plasticity over a wide temperature range • non hardening and non cracking • accommodates vibration and movement of substrate • highly resistant to mineral acids, alkalis and salts • will adhere and remain attached to clean, sound, wet or dry metal surfaces above or below water • applied spirally, with sufficient tension, will displace moisture and develop a water resistant bond to the primed surface • formulated to provide protection against Sulphate Reducing Bacteria (independent test report available) • can be applied under water
Uses:	<p>For corrosion protection, sealing and water proofing of surfaces above and below water levels.</p> <p>Protection of wharf piles, riser piles, pipelines, joints, fittings, cables, tensioning members.</p> <p>An integral part of the Denso Seashield Systems.</p>
Surface Preparation & Application:	<p>Thoroughly remove all loose matter from surface.</p> <p>For strongly adhered barnacled and scaled surfaces aggressive removal may be required.</p> <p>A final cleaning with a wire brush recommended.</p> <p>Small imperfections can be filled in with Seashield Primer.</p> <p>Large voids should be primed then filled with Seashield Mastic or foamed void fillers. The resulting surface should be contoured to a circular or convex shape to ease tape wrapping.</p> <p>Apply tape without overstretching with the heavily coated side of the tape to the substrate surface. Smooth down and mould by hand especially all overlapped edges. A 55 % overlap of tape should be applied to provide a double layer of tape.</p> <p>For more details refer to Denso Seashield Systems application instructions</p>
Recommended Temperatures:	<p>Application: - 5 to + 45 °C</p> <p>Service: - 20 to + 50 °C</p> <p>Peak: + 55 °C</p>
Shelf Life: Storage:	<p>≥ 5 years</p> <p>In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight.</p>
Available Dimensions:	<p>Widths: 50, 100, 150 and 300 mm.</p> <p>Length: 10 metre roll, minimum.</p> <p>Other sizes available by special arrangement.</p>



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Physical Properties:	Test	Test Method	Units	Value
	Thickness	ASTM D751	mm	1.40 ± 0.30
	Weight	ASTM D751	kg/m ²	1.44 ± 0.18
	Density	ASTM D1475	kg/L	1.03
	Breaking Strength	ASTM D1000	N/mm	6.0 ± 1.0
	Elongation at Break	ASTM D1000	%	15 ± 4
	Breakdown Voltage - double layer	ASTM D149	kV	≥ 16
	Water Vapour Transmission Rate - single layer	ASTM E96	g/m ² .24hr	0.25 ± 0.16
	Resistance to Cathodic Disbondment - single layer - double layer	ASTM G8, A (30 days)	mm ²	< 700 (Group C) < 500 (Group B)