



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

Technical Data Sheet
SEASHIELD SEAL T TAPE

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|---|---|
| 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> |
| Storage: | In cool, dry, ambient conditions, in original cartons away from heat and direct sunlight. |
| 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) |