



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

Technical Data Sheet

SEASHIELD SPLASHZONE EPOXY MASTIC

Description:	Mouldable epoxy mastic for filling irregular surfaces in steel, concrete, wood and other surfaces in tidal zones or under water.
Composition:	A 2 pack epoxy mastic with a 1:1 by volume mixing ratio.
Characteristics:	<ul style="list-style-type: none"> • 100% solids • resists wave action • designed for underwater and other wet applications • can be applied up to 50 mm in thickness • self priming on most surfaces and over most generic coatings • underwater rapid cure • VOC free
Uses:	<p>Filling and profiling pits, cracks and voids in steel, concrete, wood and other surfaces in the splash zone or under water.</p> <p>Can be used to prepare and profile a surface prior to the use of Denso 311, 510 and 550 under water curing grouts.</p>
Surface Preparation & Application:	<p>Remove all dirt, loose paint, spalling concrete, rotted wood, marine growth and other contaminants by abrasive blasting or high pressure water blasting. Hand or power tool cleaning may be used but are of limited benefit and are time consuming. Abrasive blasting can be done underwater as the initial air blast will clear a path through the water for the abrasive/air mixture. When working at the splash zone or in salt water, apply SeaShield SplashZone UW Epoxy as soon as possible to minimize new corrosion.</p> <p>Mix in a 1:1 ratio by volume Part A : Part B. Mix by hand "scooping" a quantity of the "A" component from the container and then "scoop" the same quantity of the "B" component from its container.</p> <p>Mix and knead the two components by hand until the green and brown colours have combined to make a uniform dark green colour. Apply immediately after mixing. A thickness of between 3 to 50 mm can be applied. Keep the gloved hands and materials wet, with fresh water, during the mixing process.</p> <p>Apply by hand, trowel or broad knife. Spread SeaShield SplashZone Epoxy Mastic smoothly onto the surface in a 3 to 6 mm thick layer using enough pressure to displace water and air bubbles. Smooth out the area by hand. When starting another mix, start spreading at and away from the previously applied film. This will help prevent trapping air bubbles or leaving an area uncoated.</p> <p>If applying on dry surfaces in dry air, periodically re-wet hands or tools with fresh water to keep the product from sticking.</p> <p>When used as a patch or grout, force the material into the hole or crack and smooth the outer surface by hand to the thickness needed.</p> <p>Working times are reduced by half at temperatures above 26°C. Do not mix more material than can be applied in the indicative working times listed as the material will not properly adhere to the surface after application and curing.</p> <p>Epoxy or polyurethane topcoats can be applied within 8 to 24 hours.</p> <p>Tools and equipment may be cleaned with solvent (acetone) before the Epoxy mastic hardens.</p>



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Recommended Temperatures:	Application: + 9 to + 40 °C, preferably + 15 to + 30 °C Service: - 20 to + 65 °C Peak: + 65 °C			
Shelf Life:	≥ 2 years			
Storage:	At 24°C in original sealed containers away from heat and direct sunlight.			
Available Sizes /Product Code:	1.80 L Product Code: A290001			
Physical Properties:	Test	Test Method	Units	Value
	Density	ASTM D1475	kg/L	1.55
	Colour			Dark green
	Volume Solids		%v/v	100
	Recommended Dry Film Thickness		mm	3 - 50
	Theoretical Coverage Rates @ 3 mm gauge @ 7 mm gauge @ 50 mm gauge		m ² /L	0.33 0.14 0.02
	Pot Life @ 21°C (dependent on volume) @ 30°C		min	25 ± 10 12 ± 5
	Curing Times @ 25°C Touch Dry Dry to handle or for Topcoat Maximum Topcoat Time		hours hours Hours	2 8 24
Precautions:	<p>Avoid contact with skin and eyes. Wear eye protection when handling this or similar products. Eye contact: immediately flush eyes with water for a minimum 15 minutes. Seek medical advice if an irritation persists. Wear protective clothing and ensure adequate ventilation. Inhalation: vapours may be irritating or harmful to some individuals. Do not take internally. Keep out of reach of children. Avoid hazards by following all precautions found in any available Safety Data Sheets, product labels and technical literature.</p>			