



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

Technical Data Sheet
102 MOISTURE DISPLACING
EPOXY PRIMER

Description:	Denso 102 Moisture Displacing Epoxy Primer is a low viscosity hydrophobic primer.			
Composition:	A 2 component system of blended epoxy resins and amine activator.			
Characteristics:	<ul style="list-style-type: none"> • standard colour: Amber • mixing ratio 2:1 by volume, resin : activator • salt and seawater resistant • resistant to most dilute acids/alkalis and petroleum products. • coverage rate 3 – 4 m²/L • pot life @25°C: 30 minutes • cure times @25°C: dry - 4 hours, bond cure – 8 hours, full cure – 7 days • will cure under cold and damp conditions 			
Uses:	<p>Primer for substrate linings such as polyurethanes, polyesters and epoxides on damp or green concrete.</p> <p>Can be applied to substrates such as steel, concrete, fibreglass, wood, asbestos cement, ceramic tiles and most other building materials.</p>			
Surface Preparation & Application:	<p>The substrate must be clean and mechanically sound, free of all foreign material, including oil, dirt, rust, laitance or other surface contaminants. All loose material must be removed. Abrasive blast or acid etch substrate to remove laitance.</p> <p>Any concrete and cement screeds to preferably have a wood float finish with a minimum compressive strength of 25 MPa.</p> <p>Thoroughly mix the resin and activator in the proportions given. For best results use a mechanical mixer.</p> <p>Apply by brush, roller or airless spray. For floors the mixture can be poured onto the floor to slow down the exothermic reaction and maximize the working pot life of the primer.</p> <p>Allow to cure for at least 4 hours before applying linings.</p>			
Recommended Temperatures:	Application:	+ 10 to + 40 °C		
	Service:	- 20 to + 80 °C		
	Peak:	+ 80 °C		
Shelf Life:	≥ 12 months when stored in original containers.			
Storage:	Store in a cool, dry area away from heat and direct sunlight.			
Available Sizes:	3 and 60 Litre kits.			
Physical Properties:	Test	Test Method	Units	Value
	Density	ASTM 1475	kg/L	1.2
	Bond Strength Sa2½ steel Acid Cleaned Aluminium	ASTM D7234	MPa	32.3 21.1
Precautions:	<p>Handle as per conventional epoxy resin systems.</p> <p>Avoid direct contact with system components.</p> <p>Wear safety glasses and gloves. For contact with eyes, immediately flush with water for at least 15 minutes and seek medical attention.</p> <p>Keep out of reach of children.</p> <p>Adhere to recommendations in any available safety data sheets, product labels and technical literature.</p>			