





ALES CONCRETE BARRIER

HIGH-BUILD EPOXY COMPOUND

Product Name	ALES CONCRETE BARRIER
Product Description	A unique super high-build solvent-less epoxy mastic coating with curing agent.
Designed Use	<ul style="list-style-type: none"> As protective coating compound for easily damaged areas, rubbish chute interior, rising dampness on walls and other industrial applications. As high build coating compound for repair of heavily-corroded areas and pitting corrosion of ships and all sorts of seaborne vessels. As protective tank lining for non-portable water.
Performance	<ul style="list-style-type: none"> Excellent alkali and moisture sealing properties. Easy mixing and application. Good penetration into substrate. Excellent bonding, even on damp substrate. 100% solid, solvent free system. Semi-permanent corrosion protection. Excellent surface tolerant properties. Outstanding resistance to sea water.
Application Data	
Paint Dilution	Not Required (For Washing only: Epomarine Thinner)
Theoretical Coverage*	1.55 kg/ m ² / coat (2 coats required) @ 1000µm DFT
Mixing Ratio	Base: Hardener = 2: 1 by wt.
Pot Life	30 minutes at 30°C (Base + Hardener)
Dry Film Thickness	1000 to 2000 µm / coat (DFT varies, depending on substrate condition)
Wet Film Thickness	1000 to 2000 µm / coat (DFT varies, depending on substrate condition)
Solid Volume Ratio	100%
Drying Time	Touch Dry: 2 hrs. at 30°C Hard Dry : 8 hrs. at 30°C
Over-coating Interval	Min. 8 hrs. at 30°C
Flash Point	>40°C
Dilution Ratio	
Trowel	0 – 2%
Roller	0 – 2%
Finishing	
Color	Olive Green, Grey
Specific Gravity	1.55 Kg / Ltr
Packing Size	3 kg set (Base + Hardener)
Recommended Sealer Coat	Ales Concrete Barrier S (For concrete only)
Surface Preparations	<p><u>For Concrete</u></p> <ul style="list-style-type: none"> New and old Surfaces - Remove all grease, wax and surface contaminants. Lightly sand and dust off. Painted surfaces - Remove all fungi, algae, chalk, loosely adhering contaminants by using high-pressure water-jetting. <p><u>For Metal Substrate</u></p> <ul style="list-style-type: none"> Remove salt and other water-soluble contaminants by freshwater hosing. Remove oil and grease, etc., with a suitable detergent or degreaser. Remove rust, mill-scale and other loose material by abrasive blasting, power tool cleaning or hand tool cleaning. Remove dust and dirt by high-pressure air before paint application. Can be applied to well-prepared bare steel, shop-primed surfaces and existing coatings. Be sure that the surface is completely clean and free from condensation.

Recommended Paint System	For Concrete - Repainting HDB Bin Chute				
	1st Coat		2nd Coat		3rd Coat
	Ales Concrete Barrier S	Recoat after 10 hours	Ales Concrete Barrier	Recoat after 8 hours	Ales Concrete Barrier
	For Metal				
	1st Coat		2nd Coat		
	Ales Concrete Barrier	Recoat after 8 hours	Ales Concrete Barrier		
Storage	Store in cool dry place, avoid direct sunlight and keep away from naked flame and reach of children				
Shelf Life	24 months under normal condition				
Base	12 months under normal condition				
Hardener					
Health & Safety	<ul style="list-style-type: none"> • Ensure adequate lighting and ventilation during application and drying. Do not use in confined spaces. Keep windows and doors open at all times. • This product does not contain added lead or mercury. • When applying paints, it is advisable to wear eye protection. • In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. • Use soap and water to remove splashes from skin. • Storage: Keep container closed and store in clean and dry condition. • Do not empty paint or solvent into drains or water courses • This product is flammable. Keep away from sources of ignition. • Safety Data Sheet (SDS) is available upon request. 				
					
	Keep seal tight	Secure upright	Wear proper protection	Practice proper disposal	

For further information on Product Data, please contact:

Chin Leong Construction Systems Pte Ltd
No.2 Tanjong Penjuru Singapore 609017
Tel.: +65 6265 2788 / Fax: +65 6266 0081
Website: www.kansaipaint.sg

*Practical coverage will vary according to the roughness and porosity of surface to be painted, the application method and condition, dry film and thickness and the skill of applicator.

The information in this technical data sheet is given to the best of our knowledge based on laboratory testing and practical experience and is provided as a general advice only. No guarantee of results is implied since the conditions of use are beyond our control. It is the responsibility of the users to ensure the suitability and proper usage of the product. We reserve the right to change the data without prior notice.