

COMPARISON TEST DATA

Note: Higher figure shows higher resistance

ITEM	RESULT			THE METHOD OF THE TEST
	BIOFINE	ACRYLIC EMULSION	SOLVENT PAINT	
Contamination Resistance	5	1	5	Under 20°C, 65%RH, the specimen is applied and kept for 8 hours. Then, the adhesiveness of the blasted block sand is evaluated.
Washability (Wet Scrub Resistance)	20,000 times	3,000 times	20,000 times	SS5 Part F5 (2003) The specimen is rubbed by a pressure of 450g.
Vapour Resistance	5	1	5	Under 100% relative humidity, leave the specimen for 24 hours.
Water Resistance	5	4	5	JIS K 5600 6.2(2), immersed in water for 96 hours.
Hot Water Resistance	5	1	5	Immersed in 50°C water for 48 hours.
Alkali Resistance	5	1	5	JIS K 5600 6.1, immersed in saturated calcium hydroxide for 48 hours.
Fungus Resistance	5	1	2	JIS Z 2911. Under 28°C, leave fungus on specimen for 2 weeks
Weather Resistance	Contamination	4	3	Expose the specimen for 12 months
	Surface Condition	5	Crack	

TEST RESULT INTERPRETATION

Environment Friendly

* This product was evaluated by PSB Singapore as quality product to pass the GREEN LABEL requirement.

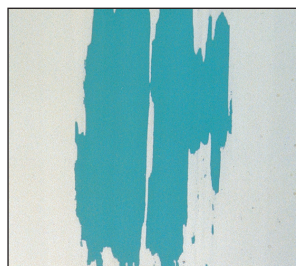
Washability

According to SS5 Part F5 (2003), conventional Acrylic Emulsion Paint fail in the 3000 times washability test.

BIOFINE provides a strong film surface which has a resistance to 20,000 times in the washability test.



BIOFINE



CONVENTIONAL A.E.P

Surfaces coated with conventional Acrylic Emulsion Paint absorb ink of the water-based line marker easily. In contrast, BIOFINE, due to its strong film structure, can resist the penetration of ink and provides washable surface.



BIOFINE



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SK KAKEN (M) SDN BHD (101539-H)

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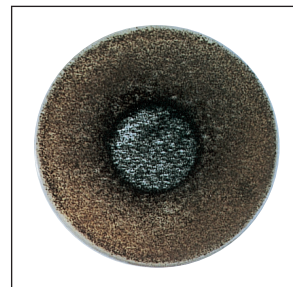
Tel: 603-2282 9800 Fax: 603-2282 9810 Website: www.skk.com.my

Fungus Resistance & Algae Resistance

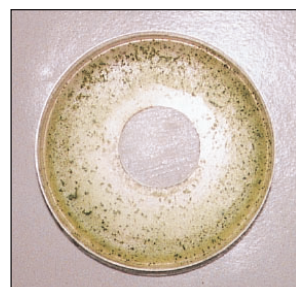
This is the result of the Cultivation Test after 14 days in accordance with JIS Z 2911. Conventional Acrylic Emulsion Paint show a propagation of fungi.



BIOFINE



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BIOFINE



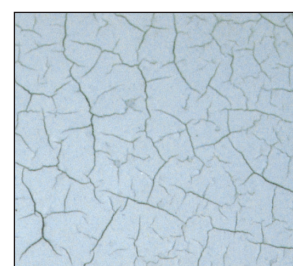
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Durability & Anti-Contamination :

After outdoor exposure for 12 month, BIOFINE did not show any crack or remarkable contamination due to its non-tacky nature.



BIOFINE



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BIOFINE

The Evolution Of An Ecologically Friendly High Performance Emulsion



SK KAKEN (M) SDN.BHD.



The world's leading environmentalists' efforts to protect our living environment are unceasing. SKK takes pride in supporting the 'green' movement and this propels us to develop an environmentally friendly high performance aqua-based paint.

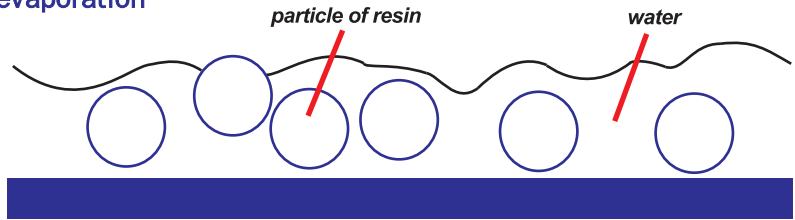


BIOFINE, a Reactive Type Acrylic Paint

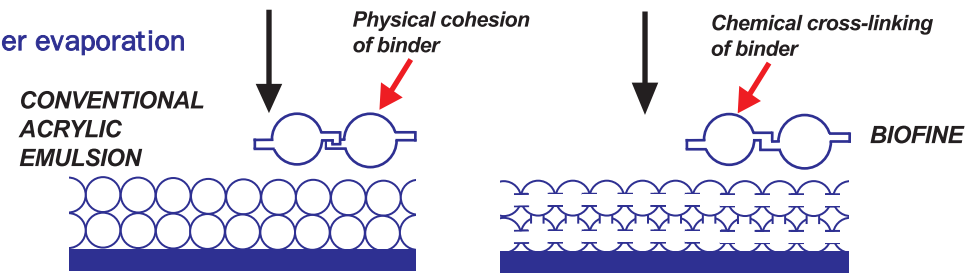
Cross-Linking Mechanism

BIOFINE has an unique curing system entirely different from the conventional Acrylic Emulsion Paints.

Stage 1 : Before water evaporation



Stage 2 : After water evaporation



BIOFINE cures by the chemical cross-linking of binder hence resulting in durable and dense paint film. Unlike conventional solvent-based paints or emulsion paints, it does not emit any obnoxious or toxic odour.

Advantages

Superior Film Performance

Its chemical cross-linking film formation structure provides excellent resistance to water, alkali and other forms of contamination. Biofine is thus suitable for a wide range of application conditions.

Washability

Its tough film allows scrubbing without causing any damage of the film. Therefore Biofine can withstand more washing cycles than conventional Acrylic Emulsion paints.

Heat Reflective with SRI Test

Its paint film helps to reflect the UV, heat and comply with GBI / Leed requirement.

Fungus Resistant & Algae Resistance

Biofine is designed to resist contaminants such as dirt, dust, spores, moulds, fungus and algae.

Odourless

Solvent-based paints form tougher paint films than conventional acrylic emulsion paints. While, the former gives off a strong unpleasant toxic odour, Biofine forms the desired tough film without emitting any unpleasant toxic smell.

APPLICATION SPECIFICATION

Process	Material	Mixing Ratio (By Weight)	Consumption (ltr /m ²)*	Number Of Coats	Interval(hrs)			Remarks
					Within Process	Between Process	Final Curing	
Substrate Preparation	<ul style="list-style-type: none"> Allow the Substrate to dry for moisture content of 10% or less, ensuring ph value of 10 or below Remove all foreign matters, make good cracks and surface imperfections. 							
Primer	Biofine Sealer	100	0.10 – 0.15	1	-	Min.2	-	By Roller, Brush or airless spray gun.
	Water	0 – 15						
Finish	Biofine	100	0.25 – 0.30	2	Min.2	-	Min.24	
	Water	0 – 15						

* Actual consumption varies depending on wastage on job site.



● Premium Colour

The colours on this card are as close to actual paint colours as modern printing techniques allow