



HOME CORPORATE PROFILE MISSION & VISION OUR PRODUCTS ENQUIRY CONTACT

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- BITUMEN

TACK COAT SS-1K

Prime coat SS-1K cationic bitumen emulsion is an emulsified asphalt containing minimum 57% bitumen. It is a low viscosity emulsion used mainly for prime coating in place of cutback asphalt.

Prime coat SS-1K bitumen emulsion is made according to Malaysian Standard, MS 1.61 : 1994 Grade SS-1K. It also equivalent to American Standard ASTM D2397 : Grade CSS-1.

SPECIFICATION

Property	Min	Max	Test Method
Saybolt furol viscosity @ 25° C (sec)	25	100	ASTM D244
Storage stability (24 hour) (%)	-	1	ASTM D244
Sieve Test (%)	-	0.1	ASTM D244
Particle Charge Test	-	Positive	ASTM D244
pH	-	6.7	-
Penetration on residue @ 25 , 100g , 5 sec (0.1mm)	80	200	ASTM D5
Solubility in Trichloroethylene (% Mass) 97.5	-	-	ASTM D2042

APPLICATION

Prime Coat SS-1K cationic bitumen emulsion is sprayed at ambient temperature at a rate of 0.50 to 1.00 litres per square meter. Generally, a rate of 0.7 litres per square meter is used.

PACKAGING

Prime Coat SS-1K cationic bitumen emulsion is packed in standard 45 gallon reconditioned steel drums at 200 litres per drum.

Viking Asphalt Sdn. Bhd. (M) Sdn. Bhd.



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Manufacturer & Exporter of Asphalt Products, Tack Coat, Prime Coat Emulsion, Cold Tarmix, Cutback Asphalt (RC,MC) & Oxidized Bitumen, 80-100, 60-70

CERTIFICATE OF ANALYSIS

Test Result

Sample :	Cationic Bitumen Emulsion	Date :	23-Jul-18
Type :	SS -1K	Batch NO:	23A07

No	Type of Test	MS 161:1994 Requiments (SS-1K)	Result	Remark Pass/Failed
1	Saybolt furol at viscosity @25°C	20 - 100	52	Pass
2	Storage stability test 24Hrs %Differance	1(Maximum)	0.066	Pass
3	Sieve Test %	0.10 (Maximum)	0.005	Pass
4	Particle Charge Test	Positive	Positive	Pass
6	Residue from Distillation % Mass	57 (Minimum)	57.3	Pass
7	Specific Gravity	-	1.04	Pass
8	Penetration @ 25°C,100g ,5 sec , dmm (1 dmm = 0.1mm)	60 - 200	134	Pass
9	Solubility in Trichloroethylene % mass	9.75 (Minimum)	99.6	Pass

Tested By :	EDMUND	Sign	
Time /Date :	25-Jul-18		
			QC INSPECTOR

Approved By :	SHAPAN	Sign	
Time /Date :	25-Jul-18		
			QC SUPERVISOR

Approved By :	MR TAN	Sign	
Time /Date :	25-Jul-18		
			QC MANAGER

