

BITUMEN EMULSION CSS-1

CSS-1 is a cationic slow setting bitumen emulsion that contains 57% bitumen, is black in color and is manufactured strictly as per ASTM D 2397M-17 standard.

BITUMINOUS APPLICATIONS:

Fog Seal, Prime Coat-penetrates surface, Tack Coat, Dust Binder
Mulch Treatment, Crack Filler

BITUMINOUS -AGGREGATE MIXTURES:

For pavement bases and surfaces :

Plant Mix (cold) with both dense-graded aggregate and sand

Mixed -in-place:

Dense -graded aggregate Sand Sandy Soil Slurry Seal

SPECIFICATIONS

PROPERTIES	MIN	MAX	TEST METHOD
Viscosity, Saybolt Furol at 50°C, SFS	20	100	ASTM D7496
Coating Ability and water resistance:			
Particle Charge test	Positive	Positive	ASTM D7402
Sieve Test, %	-	0.1	ASTM D6933
Cement mixing test, %	-	2.0	ASTM D6935
Distillation:			
Oil distillate by volume of emulsion, %	-	-	ASTM D6997
Residue, %	57	-	ASTM D6997
Test on residue from distillation test:			
Penetration, 25 °C (77°F), 100g, 5s	100	250	ASTM D5
Ductility, 25 °C (77 °F), 5 cm/min, cm	40	-	ASTM D113
Solubility in trichloroethylene, %	97.5	-	ASTM D2042

PACKING

- Bulk as IBC Tank, Flexi Tank
- Reconditioned steel drums 220 lit., Net Weight: 200 ± 3Kg
- New steel drums 220 lit., Net Weight: 200 ± 3 Kg