



## EMULSION – SLOW SETTING

### **DURAPAVE** Emulsis SS1 (IS)

#### APPLICATIONS:

DURAPAVE EMULSIS SS1 is specially designed oil based bituminous emulsion with low viscosity extended setting time and stability with cement. It is an ideal product for coating WMM/WBM surfaces. The product meets the specifications as per IS 8887:2018.

**PRODUCT CERTIFICATIONS:** Bureau of Indian Standards (BIS): CM/L- No-3015129

#### BENEFITS:

- High penetration of the existing base course.
- Sealing of loose mineral particles.
- To harden the base course.

#### TECHNICAL SPECIFICATIONS

Characteristics	Test Method	Unit of Measurement	Specification	
			Min	Max
Residue on 600 micron Sieve in % by Mass	IS 8887-2018 ANNEX-B	%	–	0.05
Viscosity at 25°C by Saybolt Furol Viscometer	IS 3117	Sec	20	100
Coagulation of emulsion at low Temp.	IS 8887-2018 ANNEX-C	–	NIL	NIL
Storage stability after 24 Hrs.	IS 8887-2018 ANNEX-D	%	–	2
Miscibility with water	IS 8887-2018 ANNEX-H	–	Immiscible	Immiscible
Distillation, By Volume at:				
a) 190°C	–	%	20	55
b) 225°C	–	%	30	75
c) 260°C	–	%	40	90
d) 316°C	–	%	60	100
e) Residue at 360°C	IS 1213-1978	%	50	–
Water Content, by Mass	IS 1211-2018	%	–	20
Test on Residue:				
a) Solubility in Trichloroethylene	IS 1216-1978	%	98	–

**PACKING:** DURAPAVE EMULSIS SS1 is available in • Bulk • 185 Kg • MS Drum • RC Drum • New HDPE Drum

#### FOR TECHNICAL QUERIES, PLEASE CONTACT:

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# EMULSION – SLOW SETTING

## DURAPAVE Emulsis SS2

### APPLICATIONS:

DURAPAVE EMULSIS SS2 a specially designed tailor-made water based bituminous emulsion with medium viscosity and extended setting time and stability with cement. The product meets the specifications as per IS 8887:2018.

**PRODUCT CERTIFICATIONS:** Bureau of Indian Standards (BIS): CM/L- No-3015129

### BENEFITS:

- Binds loose aggregates.
- Good penetration in to the base course.
- Makes the base course water resistant.

### TECHNICAL SPECIFICATIONS

Characteristics	Test Method	Unit of Measurement	Specification	
			Min	Max
Residue on 600 micron Sieve in % by Mass	IS 8887-2018 ANNEX-B	%	–	0.05
Viscosity at 25°C by Saybolt Furol Viscometer	IS 3117	Sec	30	150
Coagulation of emulsion at low Temp.	IS 8887-2018 ANNEX-C	–	NIL	NIL
Storage stability after 24 Hrs.	IS 8887-2018 ANNEX-D	%	–	2
Particle Charge	IS 8887-2018 ANNEX-E	–	Positive	Positive
Miscibility with water	IS 8887-2018 ANNEX-H	–	No-coagulation	No-coagulation
Test on Residue:				
a) Residue by Evaporation	IS 8887-2018 ANNEX-J	%	60	–
b) Penetration of Residue at 25°C/ 100gm/ 5Sec	IS 1203-1978	–	60	120
c) Ductility of Residue at 27°C	IS 1208-1978	Cm	50	–
d) Solubility in Trichloroethylene	IS 1216-1978	%	98	–

**PACKING:** DURAPAVE EMULSIS SS2 is available in • Bulk • 200 Kg • MS Drum • RC Drum • New HDPE Drum

### FOR TECHNICAL QUERIES, PLEASE CONTACT:

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## EMULSION - SLOW SETTING

### **DURAPAVE** Emulsis CSS1 (H)

#### APPLICATIONS:

DURAPAVE EMULSIS CSS-1H is used as:

- Prime Coat
- Fog seal/crack seal
- Slurry seal

The product meets the specifications as per ASTM D2397-13.

**PRODUCT CERTIFICATIONS:** Bureau of Indian Standards (BIS): CM/L- No-3015129

#### BENEFITS:

- Excellent penetration into miniature pores of sub bases.
- Extended breaking easy spray.
- Penetrate the cracks & crevices and impart strength to the layers.
- Bonds well to cool, damp substrates/surfaces and Low temperature cure.
- Bind loose aggregates together strongly.
- Highly adhesive with multiple applications.

#### TECHNICAL SPECIFICATIONS

Characteristics	Test Method	Unit of Measurement	Specification ASTM D2397-13	
			Min	Max
Residue on 850 micron Sieve in % by Mass	ASTM D6933	%	–	0.10
Viscosity at 25°C by Saybolt Furol Viscometer	ASTM D244	Sec	20	100
Storage stability after 24 hrs	ASTM D6930	%	–	1
Partical Charge	ASTM D244	–	Positive	Positive
Stability to mixing with cement (% Coagulation)	ASTM D6935	%	–	2
Test on Residue:				
a) Residue by Evaporation	–	%	57	–
b) Penetration of Residue at 25°C/ 100gm/ 5Sec	–	–	40	90
c) Ductility of Residue at 27°C	ASTM D244	Cm	40	–
d) Solubility in Trichloroethylene	–	%	97.5	–

**PACKING:** DURAPAVE EMULSIS CSS-1H is available in • Bulk • 200 Kg • MS Drum • RC Drum • New HDPE Drum

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