



HINCOL Emulsion RS 1

HINCOL Emulsion RS 1 is specially designed water based Bitumen Emulsion with low viscosity and fast setting time that makes it an ideal product for spray application. It is chocolate brown in colour and is a free flowing liquid at ambient temperature. HINCOL Emulsion RS 1 is manufactured strictly as per IS 8887:2004.

Typical Properties

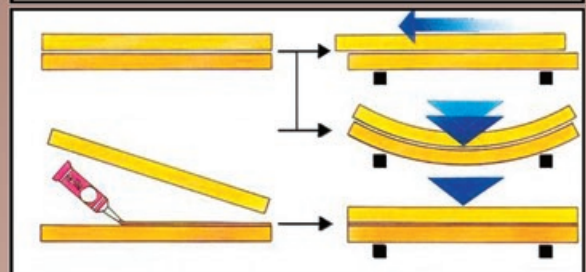
Properties	HINCOL Emulsion RS 1
1. Residue on 600 Micron IS Sieve, % Max	0.05
2. Viscosity @ 50°C (Saybolt Viscometer), sec	20-100
3. Storage Stability after 24 Hour, %	Less than 2
4. Binder Residue by Evaporation, % Min	60
5. Average Setting time, Minutes	~ 15

Advantages

- No heating required
- Cost efficient
- Easy and uniform spray
- Low temperature curing, fast setting time
- High adhesive properties
- Prevents slippage of structural layers
- Environment friendly

Applications

HINCOL Emulsion RS 1 is ideally suited for Tack Coat application. Tack Coat with HINCOL Emulsion RS 1 can be applied on bituminous surface, aged bituminous surface, primed bituminous surfaces and non bituminous surfaces.





Good Tack Coat Coverage



Bad Tack Coat Coverage



*Poor Tack Coat
vs
Good Tack Coat*

Recommended Rate of Application

Type of Surfaces	Quantity in Kg/10 m ² Area
1. Bitumen Surface	2 to 2.5
2. Aged Bitumen Surface	2.5 to 3
3. Primed Surface	2.5 to 3
4. Non Bitumen Surfaces	
Granular Base (Not Primed)	3.5 to 4.0
Cement Concrete Pavement	3.0 to 3.5

To Ensure Best Results

- Use without diluting Bitumen Emulsion with any solvent
- Use at ambient temperature
- Roll the Bitumen Emulsion drums 5 times before using

Availability

HINCOL Emulsion RS 1 is available in

- Bulk
- RC Drums 200 Kg
- MS Drums 200 Kg
- HDPE Drums 200 Kg