



Golden Drop Emulsion RS-1

Rapid Setting-1 emulsion is a water-based bitumen emulsion with low viscosity and fast setting time. RS grade bitumen emulsion is designed to react quickly with aggregate and revert from the emulsion state to bitumen. RS-1 grade is mainly used for tack coat application. Bitumen Emulsion RS1 is manufactured strictly as per **IS 8887**.

Advantages

- Superior penetration into miniature pores of sub base.
- Compatible with Portland cement.
- Low temperature curing allows the binder to penetrate into sub base.
- Prevent ingress of underground water into the pavements by plugging the capillary voids.
- Enhances structural strength by strongly binding loose aggregates.
- Easy to apply and hassle free.
- Prevent Raveling and Rutting.
- Environment friendly

Typical Properties

Sr. No.	PROPERTIES	As Per Requirement
1	Residue on 600 micron IS Sieve (% by mass, max)	0.05
2	Viscosity @ 50°C (Say bolt Viscometer), Sec	20-100
3	Storage Stability after 24 Hours,	Less than 2
4	Miscibility with water	No Coagulation
5	Particle charge	Positive
6	Residue by evaporation, percent, Min	60
7	Penetration 25 ° C/100g/5sec	80-150
8	Solubility in trichloroethylene, percent by mass, Min	98
9	Coagulation at low temperature	NIL
10	Ductility 27 ° Clem, Min	50

**FACTORY**

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Nashik - 422 102.

**OFFICE**

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Applications

GOLDEN DROP Emulsion RS1 is ideally suited for Tack Coat application. Tack Coat with **GOLDEN DROP Emulsion RS 1** can be applied on bituminous surface, aged bituminous surface, primed bituminous surfaces & non bituminous surfaces.

Sr. No	Types of surface	Quantity in Kg/10 m ² Area
1	Bitumen Surface	2 to 2.5
2	Aged Bitumen Surface	2.5 to 3.0
3	Primed Surface	2.5 to 3.0
4	Non Bitumen Surface	
	Granular Based	3.5 to 4.0
	Cement Concret 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 multiple times before using

Availability in Package

- Bulk
- MS Drums packaging of 200 Kg
- HDPE Drums Packaging of 200 Kg

NOTE- All the specification are according to IS code which are applicable to NHAI