



ZÜMRÜT INTERNATIONAL KİMYA SAN. VE TİC.LTD

## Specification of Anionic Bitumen Emulsion RS-2

PROPERTY	MIN	MAX	TEST METHOD
Saybolt fural Viscosity@ 50 °C (s)	75	400	ASTM D244
Storage stability, 24h (%)		1	ASTM D6930
Particle charge test	Minus	ASTM D244	
Demulcibility, 35ml, 8% dioctyl sodium sulfosuccinate, %	60	—	ASTM D6936
Sieve (%)		0.1	ASTM D6933
Residue by distillation (%)	65		ASTM D244
Penetration, 25 °C, 100g, 5Sec	100	200	ASTM D5
Solubility in trichloroethylene %	97.5	—	ASTM D2042
Residue ductility, 25 °C, 5cm/min (cm)	40		ASTM D113

### Key Features:

- **Rapid Setting:** RS-2 is formulated to set quickly, reducing the time needed for emulsion to break and allowing faster project turnaround.
- **High Adhesion Strength:** Provides strong adhesion to aggregates and existing surfaces, creating a durable bond that withstands traffic and environmental stress.
- **Compatibility with Alkaline Aggregates:** As an anionic emulsion, RS-2 is well-suited for use with alkaline aggregates, ensuring effective bonding.

### Packing of Asphalt Emulsion RS-2

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



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