

Hincol Bitumen Emulsion RS1(JP)

Hincol Bitumen Emulsion RS1 (JP) provides a cost-effective way of maintaining wearing surface of bituminous roads. Spray Injection is a pothole repair process. Spray Injection machines use high velocity air to prepare the area of the defect and to deliver emulsion and aggregate to seal, fill and compact the repair. Bitumen emulsion plays a key role in ensuring quick cohesion buildup with appropriate setting time. The customized fast setting nature of Hincol Bitumen Emulsion RS1 (JP) helps build up cohesion very quickly making it an ideal bitumen emulsion for Spray Injection applications

This results in a quality repair that takes very little time.

Hincol Bitumen Emulsion RS1 (JP) emulsions are custom made for Spray Injection applications for repair of:

- Potholes
- Utility cuts
- Wheel path rutting
- Speed bumps
- Edge breaks
- Crack Sealing
- Depressions
- Presurface dressing

The Spray Injection process:

Spray Injection application uses four stage process. The distressed area is prepared, sealed, filled and cured. The surface treated is ready for traffic in quick time. Semi-permanent repairs are made with bitumen emulsion, lasting as long as repairs using hot mix asphalt. Bitumen emulsion is safe and won't harm the environment. Repairs are ready to be driven over very soon after they have been made.

Typical Properties:

Properties	Hincol Bitumen Emulsion RS1 (JP)
Residue on 600 Micron IS Sieve, % Max	0.05
Viscosity@50C (Saybolt Viscometer). sec	20 – 100
Storage Stability after 24 hours, %	< 2
Binder Residue by Evaporation, % Min	60

Advantages:

- No heating required
- Cost efficient
- Easy to apply
- Low temperature curing, fast setting time
- High adhesive properties
- Environment friendly

Applications:

Spray Injection: Bitumen emulsion plays a key role in ensuring quick cohesion buildup with appropriate setting time. Hincol Bitumen Emulsion RS1 (JP) helps build up cohesion very quickly making it an ideal bitumen emulsion for Spray Injection applications

Tack Coat: Hincol Bitumen Emulsion RS1 (JP) is ideally suited for tack coat applications also. Tack coat with Hincol Bitumen Emulsion RS1 (JP) can be applied on bituminous surface, aged bituminous surface, primed bituminous surface and non-bituminous surfaces

To ensure best results

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

Availability

Hincol Bitumen Emulsion RS1 (SI) is available in

- Bulk
- MS Drums (200 kg)
- HDPE Drums (200 kg)