

# **CHIP-LOCK**

## **FOGSEAL**

- ⇒ Rapid Setting
- ⇒ Less Traffic Control
- ⇒ Non-Tracking Hard Surface
- ⇒ Superior Bonding



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**Description:** This work consists of preparing and treating a chip and seal surface surface with a specialized anionic chip-lock asphalt emulsion.

**Material:** Conform to the following typical physical properties:

| <b>Parameter</b>                    | <b>AASHTO<br/>Test Method</b> | <b>MIN</b> | <b>MAX</b> |
|-------------------------------------|-------------------------------|------------|------------|
| Soybolt Furol Viscosity, SFS @ 77°F | T59                           | 0          | 25         |
| Settlement, % Max.                  | T59                           | ---        | 5          |
| Residue by Distillation, %          | T59                           | 27         | 35         |
| Oil Distillate, %                   | T59                           | ---        | 1          |
| Sieve Test, %                       | T59                           | ---        | 0.3        |

**Test on Residue**

|                     |     |      |     |
|---------------------|-----|------|-----|
| Penetration, @ 77°F | T49 | ---  | 40  |
| Solubility, %       | T59 | 97.5 | --- |

**Note:** Product should not contain filler such as clay, etc.

**Weather Limitations:** Do not apply the asphalt material if the surface temperature is below the minimum placement temperature for the pavement course to be placed. Note: Subject to damage if frozen.

**Preparation of Surface:** Ensure that the surface is thoroughly clean and dry when the asphalt materials is applied.

**Application of Asphalt Material:** Uniformly apply the asphalt materials with a distributor. Surface to be clean and dry. Nozzle spray pattern should be identical to one another along the distributor spray bar. The angle of the nozzle should be a 15-30 degree angle to the spray bar axis to maximize overlap. Chip-Lock should be applied at a rate of .1-.3 gallons per square yard. Recommended application temperature is 150°F to 180°F. For irregular areas such as driveways and intersections, apply the asphalt material using a method the Engineer approves. Apply the chip-lock in a manner that offers the least inconvenience to traffic and that allows one-way traffic without pickup or tracking. The Engineer and Manufacturer's Representative will approve the quantity, rate of application, temperature, distributor settings and areas to be treated before application of the chip-lock. Please contact the manufacturer representative for distributor settings and spray nozzles.

