**Fog Seals**

**Rejuvenating Fog Seal**

**CMS-1PF**
eFog is a Rejuvenating Fog Seal that can correct more severe distresses than a conventional Fog Seal. It can provide open graded friction courses with a 2-3 year lifecycle extension without reducing permeability, and offers equally effective results on worn chip seal pavements. In addition to its use as a rejuvenating fog seal, eFog can be used as bond coat or cold pour crack filler.

**ISSUES eFog Can Correct**
eFog can correct roadways and shoulders exhibiting:
- Raveling
- Oxidation
- Pitting
- Cracks up to 1/8”
- Asphalt lean mixtures

**FEATURES**
eFog is ideal for use on oxidized or raveled pavements. It replaces light end fractions lost from the asphalt mix during manufacture, storage, placement or service. Its polymer-modified asphalt base provides a denser film thickness for increased durability and resistance to tracking. As a hybrid emulsion, it provides the benefits of both a rejuvenator and a conventional asphalt emulsion product. Once eFog has cured, traffic can typically return to the pavement within 1.5 hours. If a very quick return to traffic is necessary, an application of 2-4 lbs/yd² of sand can be applied.

**APPLICATION**
eFog is applied through an asphalt distributor at rates typically between .06 - .13 gal/yd².

**BENEFITS**
- 2-3 year service life extension
- Repeat application possible
- Corrects severe distress
- Prevents continued distress
- Increases pavement durability
- Non tracking
- Quick return to traffic (typically within 1.5 hours)
CONVENTIONAL FOG SEAL

CSS-1, CSS-1H, SS-1, SS-1H

Conventional Fog Seal is a light application of diluted asphalt emulsion that is spray applied to an existing asphalt surface, protecting it against traffic and the environment. Fog Seal is applied to roadways that have a good base structure, but exhibit the earliest signs of distress. Although it is a first-sign-of-deterioration application, its effectiveness improves with repeat applications. As a truly preventive maintenance treatment, it reinforces what’s already in place and increases safety by delineating driving lanes.

ISSUES FOG SEALS CAN CORRECT
Fog Seals can correct city streets, interstate shoulders, or airport runways exhibiting:
- Oxidization
- Raveling
- Pitting
- Cracks < 1/8 inch

FEATURES
Fog Seals are the most cost effective preservation treatment available. They seal hairline cracks and can prevent raveling on open graded surfaces, while providing a 1-3 year extension to a pavement’s existing service life.

On new chip seal construction, Fog Seals improve chip retention and provide a finished HMA appearance. On older chip seal surfaces, Fog Seals stop aggregate loss and extend the remaining service life. Fog Seals should be diluted before shipment to provide consistent asphalt residue rates, temperature control, improved stability and better application coverage.

Cure times vary due to climate, application rate and surface condition, but are generally between 1-3 hours.

APPLICATION
Conventional Fog Seals are applied through an asphalt distributor at rates typically between .06 - .13 gal/yd².

BENEFITS
- 1-3 year service life extension
- Most cost-efficient preservation treatment
- Seals hairline cracks
- Prevents raveling on open graded surfaces
- Delineates driving lanes
- Quick return to traffic (typically between 1-3 hours)
- On new chip seals: improves chip retention/provides HMA appearance
- On older chip seals: stops aggregate loss/extends remaining life

Find out more at savemyroad.com