TERRA FOG

TERRA FOG ™

Non-Petroleum Based Asphalt Maintenance Product

ROADWAYS — AIRFIELDS — PARKING LOTS

Cost-Effective and Eco-Friendly Chip Seal Preservation

TERRA FOG ™ is a high-quality, environment-friendly, and cost-effective solution for improving performance and extending service life in chip seals. Chip seals, also known as seal coats, are an inexpensive way to preserve asphalt pavements and prevent further deterioration of their structure.

TERRA FOG ™ reinforces the chip seal by reducing asphalt oxidation, preventing brittleness and weakness. If the asphalt in a chip seal becomes brittle due to aging, it will be unable to hold the chips in place, resulting in potentially dangerous aggregate loss. Terra Fog ™ penetrates between the aggregates and seals the asphalt surface of the chip seal, forming a protective layer over the asphalt surface, minimizing exposure to air and preventing the aging of asphalt as a result of oxidation.

Before Application with Terra Fog ™

After Application with Terra Fog ™

TERRA FOG ™ EXTENDS PAVEMENT LIFE. A chip seal's service life can be extended significantly by using Terra Fog ™ to properly maintain the asphalt's engineering properties by sealing the asphalt. Terra Fog's low viscosity allows it to accumulate on top the asphalt rather than the aggregate, minimizing friction loss observed in other fog sealant materials.

TERRA FOG™ IS SAFE AND ECO-FRIENDLY. As a non-petroleum-based product that contains no solvents, Terra Fog ™ will not damage roads or vehicles. **Only water evaporates from** Terra Fog ™ **during the curing process and no volatile organic compounds (VOCs) are emitted into the atmosphere.** Terra Fog ™ is water-diluted, so it poses no risk to people or the environment, making it an ideally safe alternative to petroleum-based fog seal materials.

TERRA FOG™ REDUCES CHIP LOSS. Its low viscosity, unique among other fog seals, allows it to penetrate further into the pavement's structure and heal small cracks. Terra Fog ™ **reaches deep into the bottom layer of the pavement to protect the base layer from water infiltration and degradation by sealing loose particles.** Test sections of Terra Fog ™ have shown that the level of fine materials pumped into the base after heavy rains was reduced dramatically**,** and research studies conducted at lab and field test sections have demonstrated that Terra Fog ™ binds the aggregate in place, reduces chip loss over time, and lowers the risk of vehicle damage from loose aggregate. Terra Fog ™ is the ideal alternative to petroleum-based fog sealants.

TERRA FOG™ IS EASY TO USE. No special equipment or handling procedures are required. Simply dilute one part product with four or five parts water in a holding tank, and then evenly distribute it over the asphalt. The surface must be cleaned thoroughly before application, which is best accomplished with a power broom or blower. In order for proper cohesion to occur between Terra Fog ™ and the surface, the entire area of coverage should be dry and above 55 F (13 C). Suggested application rates should be followed, as over-application can create slippery conditions.

ORDERING and RECEIVING TERRA FOG ™. Terra Fog™ is manufactured in Central Texas, USA. The product is calculated at a rate of 0.03 to 0.22 gallons per square yard (0.15 to 1.0 L/m2). A spray temperature of 55˚ F (13˚ C) is recommended. Terra Fog ™ can be ordered in any quantity and can be shipped worldwide. Please contact EEI for more information.

WEB: www.ecoestates.us builder@ecoestates.us
Copyright © 2017 EEI. All rights reserved.

VIETNAM