TF™

TERRA FOG

TERRA FOG ™

Non-Petroleum Based Asphalt Maintenance Product

HIGHWAYS — STREETS — PARKING LOTS — AIRFIELDS

COST-EFFECTIVE AND ECO-FRIENDLY ASPHALT AND CHIP SEAL PRESERVATION

TERRA FOG ™ is a high-quality, environment-friendly, and cost-effective solution for improving performance and extending service life in old asphalt and chip seals surfaced roads.
TERRA FOG™ reinforces asphalt base products by reducing oxidation, preventing brittleness and weakness. If the asphalt in a chip seal becomes brittle due to aging and is unable to hold the chips in place, it could cause dangerous aggregate loss.
TERRA FOG™ penetrates between the aggregates and seals the 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.

TERRA FOG™ extends pavement life. An asphalt-based service life can be extended significantly by properly maintaining the engineering properties and sealing the asphalt using TERRA FOG™. Its low viscosity causes it to accumulate into the asphalt rather than the aggregate, minimizing friction loss observed in other fog sealant materials.

TERRA FOG™ reduces chip loss. Due to its low viscosity, Terra Fog penetrates further into the pavement's structure and seals small cracks.
TERRA FOG™ reaches deep into the bottom layer of the pavement to protect the base layer from water infiltration and degradation over time by sealing loose particles. Test sections showed that pumping of fine materials into the base after heavy rains was reduced drastically. Research studies at lab and field test sections both demonstrate that TERRA FOG™ binds the aggregate in place, reduces chip loss over time, and lowers the risk of damage to vehicles caused by loose aggregate.
TERRA FOG™ is safe. It is non-petroleum-based, contains no solvents, and will not damage vehicles or equipment. Only water evaporates from the Terra Fog during the curing process and no volatile organic compounds (VOCs) are emitted into the atmosphere.

TERRA FOG™ is water-soluble, and therefore, there is no risk to people or the environment, making it an ideally safe alternative to asphalt fog seal materials.

TERRA FOG™ is easy to use. No special equipment or handling procedures are required. Simply dilute one-part product with three to five parts water in a holding tank, and evenly distribute the mixture over the asphalt.

Before using Terra Fog™, the surface must be cleaned thoroughly, which is best accomplished with a power broom or blower. In order for proper cohesion to occur between Terra Fog™ and the surface, the surface should be dry and above 55 F (13 C). Suggested application rates should be followed, as over-application may result in less skid resistance.

ORDERING AND RECEIVING TERRA FOG™.

Terra Fog™ is manufactured in Central Texas, USA. A temperature of 55 ˚ F (13˚ C) is recommended as the most suitable for conducting spraying operations with Terra Fog. Terra Fog™ can be ordered in any quantity and can be shipped worldwide. Please contact Terra Pave International Inc. / Soil Control International Inc. for more information.