
**SAVING
OUR ROADS**

OptiPave™ Surface Sealer for Roads

The Eco-Friendly Surface Sealer for Protecting,
Preserving and Beautifying Roads

SealMaster®

Pavement Products & Equipment

sealmaster.net

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Bituminous Surface Treatments are an integral part of an effective pavement preservation program



OptiPave™ Bituminous Surface Seal

“Pavement Preservation” is a cost - effective set of practices that extend pavement life and improve safety and motorist satisfaction while saving public tax dollars.

What is Asphalt Pavement?



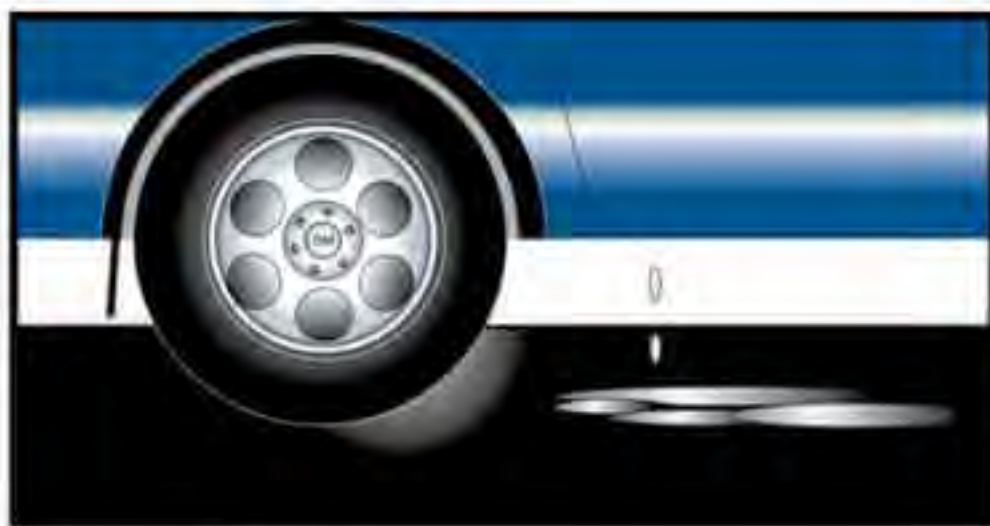
Asphalt Pavement, also known as Hot Mix, is a simple blend of two main components; molten liquid asphalt (the black glue or binder), and crushed rock or aggregate.



The Hot Mix is then placed and compacted to form asphalt pavement.



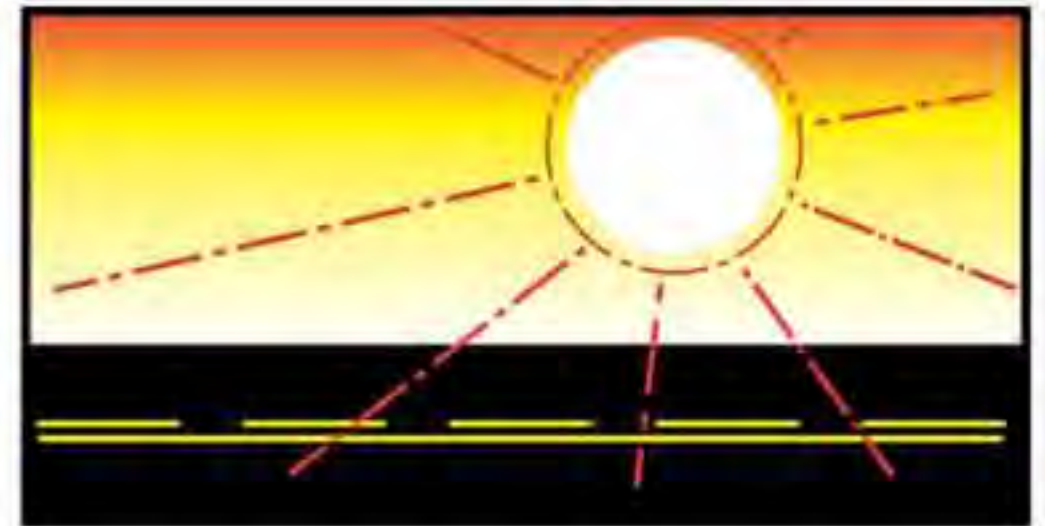
Why Does Asphalt Pavement Deteriorate?



Chemical Damage



Moisture Damage



UV & Oxidation Damage

Left untreated, asphalt pavement will deteriorate rapidly. The asphalt binder (glue) that holds the pavement together begins to oxidize and weather soon after installation. Moisture penetrates the asphalt, causing damage and deterioration to the pavement. Oil, gas and salt cause further damage to the pavement surface. All of this environmental distress is why asphalt goes from a newly laid fresh black appearance to a drab, aged, oxidized gray appearance.

OptiPave™ is a Proven Surface Sealer for Roads, Streets and Other Pavement Surfaces



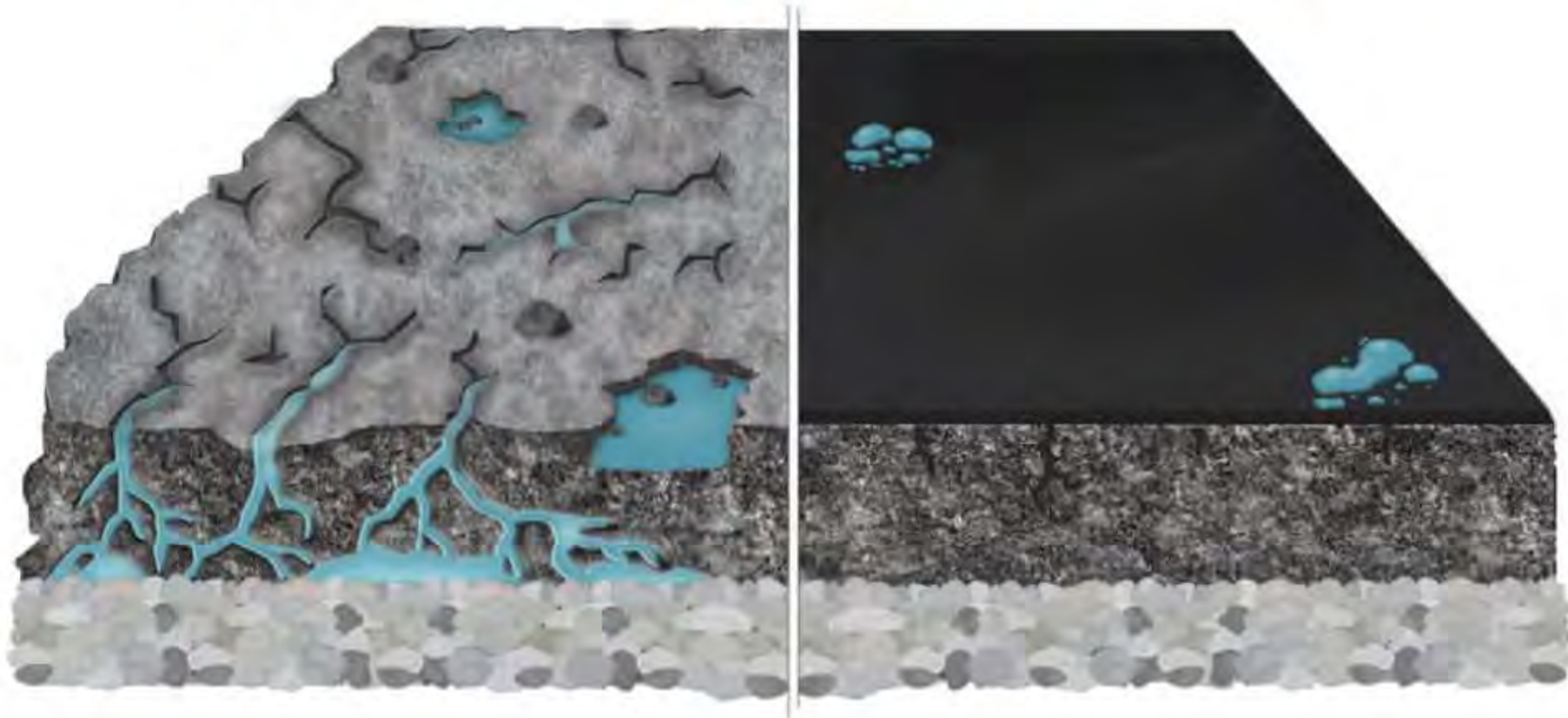
OptiPave is an Eco-Friendly asphalt based emulsion pavement rejuvenator and surface sealer that provides a cost-effective solution for Pavement Preservation and Beautification of asphalt pavement roads

Recommended uses for OptiPave:

- Low Traffic Roads and Streets
- Homeowner Associations and Gated Communities
- County roads
- Airport Taxiways
- Highway Shoulders
- Neighborhood and Cul-de-sac roads

OptiPave™ Bituminous Surface Sealer Protects, Preserves and Beautifies Asphalt Roads

Unsealed vs. Sealed



OptiPave is designed to penetrate, water proof, and replenish the asphalt pavement binder that is lost through oxidation and weathering. Optipave provides a barrier to moisture intrusion, as well as, ultraviolet rays, chemicals and salt.

OptiPave™ Provides a Barrier Against the Damaging Effects of Moisture Intrusion Into Asphalt Pavement

Asphalt treated with OptiPave sheds water

Untreated asphalt results in moisture intrusion into pavement



OptiPave provides over 95% protection from moisture intrusion into pavement. OptiPave sheds water for superior pavement protection.

A Scheduled Pavement Preservation Program that Includes Crack Sealing and OptiPave™ will Greatly Increase Pavement Service Life

■ OptiPave and Crack Sealing ■ No Scheduled Maintenance



OptiPave™ Features a Fast, Efficient One Coat Application Process with Minimal Impact on Traffic Flow



OptiPave is a single coat application sealer that penetrates into the existing pavement profile to maintain vehicle traction. OptiPave does not require sanding after application.



OptiPave™ vs. Conventional Fog Seals

For decades, Highway Departments, Municipal Street Departments and County and Road Departments have applied standard asphalt emulsion fog seals to help extend pavement life.

Standard fog seals are performed with chemical asphalt emulsions (SS1h or CSS1h). These asphalt emulsions are primarily designed for use as tack coats underneath hot mix asphalt paving and overlays. The chemical asphalt emulsions that are typically used for standard fog sealing were never designed to withstand the rigors of direct vehicle traffic.

OptiPave is formulated with specialized mineral reinforced petroleum based resins that are specifically designed to withstand and hold up to the rigors of direct vehicle traffic. OptiPave was specifically formulated as a pavement surface sealer and rejuvenator for asphalt pavement roads.

Wet Track Abrasion Test



OptiPave significantly outperforms Standard Fog Seal as the above Wet Track Abrasion Test clearly indicates

Applying OptiPave™ over Chip Seal



Applying OptiPave over freshly applied Chip Seal provides many advantages including:

- Locking down aggregate to minimize chip loss
- Prevents loose stones from causing windshield and paint damage to automobiles
- Significantly increases the life of a chip seal application
- Melts snow and ice faster- A black colored surface creates a higher road surface temperature accelerating the melting of ice and snow
- Enhances visibility of traffic paints and lane markings

Applying OptiPave™ over Aged and Oxidized Slurry Seal Treatments



Applying OptiPave over aged oxidized Slurry Seal provides many advantages including:

- Renews surface of existing slurry seal significantly extending service life of the slurry seal surface treatment
- Fills and seals hairline surface cracks
- Melts snow and ice faster- A black colored surface creates a higher road surface temperature
- Enhances visibility of traffic paints and lane markings
- Saves taxpayer dollars by prolonging the life of existing bituminous surface treatments

OptiPave™ Advantages and Benefits



OptiPave provides a very economical approach and solution for pavement preservation saving precious taxpayer dollars and freeing up additional funds for more projects.



OptiPave replenishes the valuable asphalt binder or "glue" that is lost through weathering, aging, traffic wear and other forms of environmental distress.



OptiPave provides a deep rich "like new" black appearance to roads.



OptiPave enhances Traffic Marking visibility for added driver safety

OptiPave™ Advantages and Benefits cont.'



The deep black color of OptiPave melts snow and ice significantly faster than untreated pavement.



OptiPave produces an even textured surface with no loose stones, making it ideal for vehicle, bicycle and pedestrian traffic.



Fast, efficient one coat application process with minimal impact on traffic flow. OptiPave typically dries in 1 to 2 hours.

Additional OptiPave Advantages

- Taxpayers appreciate the "like new" appearance of the pavement.
- Reduces asphalt pavement binder aging, oxidation and hardening.
- Prevents raveling of aged pavements. "Locks in" the fines within the paving mix.
- Does not require sanding after application. OptiPave maintains the existing profile of the pavement for traction.

The SealMaster® Advantage

The Smart Choice for Pavement Preservation



For over 40 years, property owners and government agencies have turned to SealMaster for pavement maintenance and preservation solutions. Industry leading surfacing and crack sealing technologies continue to keep SealMaster at the forefront of pavement preservation.

A Nationally Recognized Brand



Our nationwide product manufacturing and distribution facilities allow us to serve thousands of property owners, pavement professionals, townships, counties and municipalities year after year from coast to coast.

Professional Service



SealMaster has the industry's largest network of professionally trained pavement maintenance contractors to assure successful results at competitive prices. Our network of highly trained and experienced professionals are available to provide on-site project recommendations as well as full application services to assure quality results on every project.