

## MULTIPLE USES

Developed by California-based ePAVE LLC, ePAVE products have dozens of applications in large-scale, high impact paved environments. ePAVE products have been successfully tested for their performance and acknowledged as the most effective pavement preservation solutions.



ASPHALT &  
CONCRETE ROADS  
(OLD & NEW)



INDUSTRIAL  
PARKS  
& SURFACES



PARKING  
STRUCTURES,  
LOTS & SURFACES



THEME PARKS  
& PUBLIC SPACES



BIKE LANES



AIRPORT RUNWAYS,  
PARKING APRONS  
& ROADS



HOSPITALS  
& HOTELS



WALKWAYS  
& BRIDGES



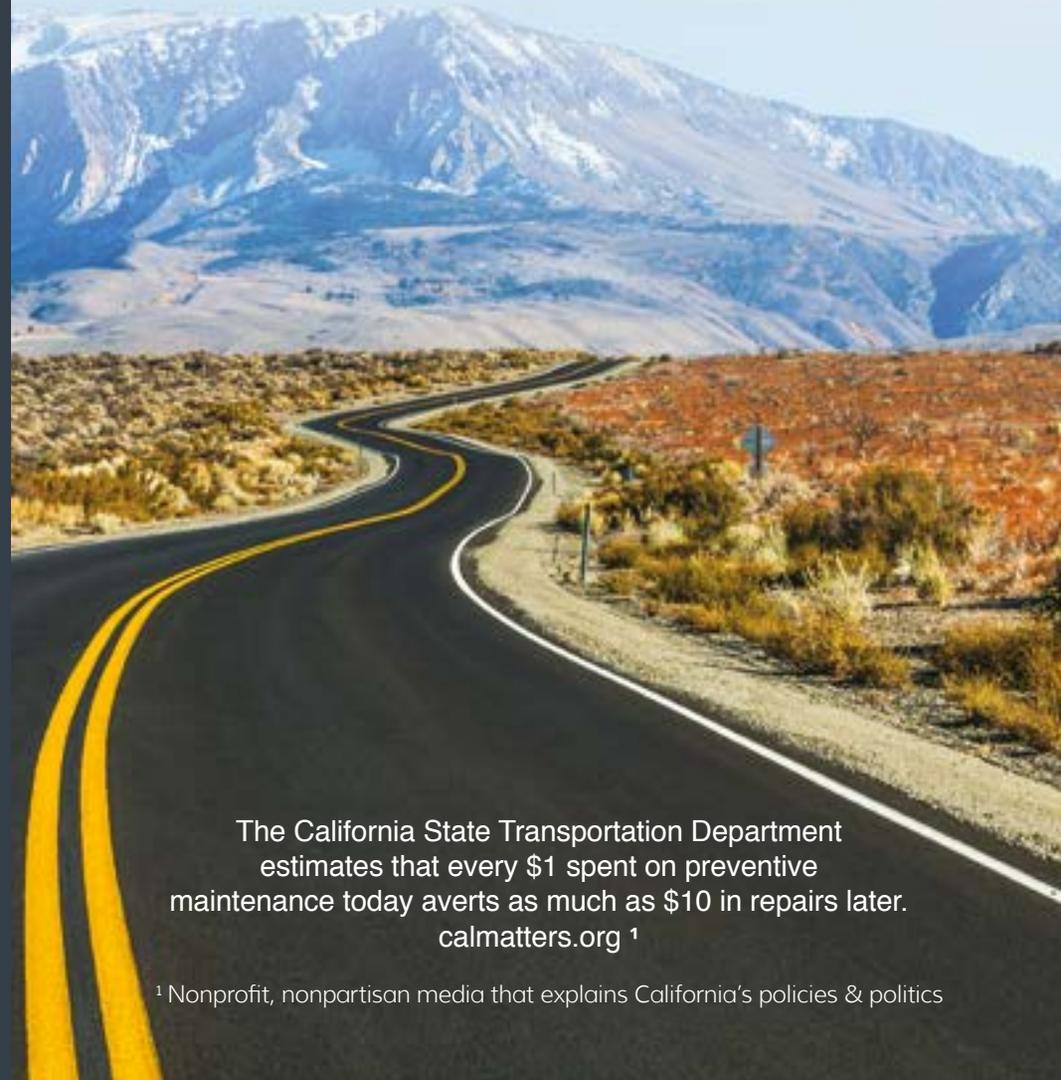
SCHOOLS  
& UNIVERSITY  
CAMPUSES

## CONTACT INFO

🔍 [www.epavellc.com](http://www.epavellc.com) | 📞 844.987.7283



### COOLER, CLEANER, HEALTHIER AND MORE COST EFFECTIVE PAVEMENT PRESERVATION MATERIAL



The California State Transportation Department estimates that every \$1 spent on preventive maintenance today averts as much as \$10 in repairs later. [calmatters.org](http://calmatters.org)<sup>1</sup>

<sup>1</sup> Nonprofit, nonpartisan media that explains California's policies & politics

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## ePAVE PRODUCTS

ePAVE products currently available are for pavement preservation of streets, roads, parking lot structures and many other surfaces:

### ePAVE I

A two-component polymer modified Portland cement mortar applied to asphalt. The first component is a dry ingredient "Powder" and the second component is a liquid polymer emulsion "Resin."

### ePAVE II

A single-component polymer modified Portland cement mortar which is composed of only one dry ingredient that is mixed with water and applied to concrete.

ePAVE is a revolutionary high performance cold applied Polymer Enhanced Composite overlay product – the most advanced and innovative sealant and coating material available today that provides the best strategic advantage in the nation's growing pavement preservation initiatives.

ePAVE is considered a *cool pavement* – a material that stores less heat and has lower surface temperatures than traditional paving products. A cool pavement such as ePAVE mitigates the creation and environmentally detrimental effect of urban heat islands and also reflects significantly more solar energy than conventional paving materials. In the process, ePAVE contributes to healthier air, better water quality, lower energy consumption and greater community health.

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## PAVEMENT PRESERVATION

It is now recognized by both the private and public sector that the necessary approach to mitigate the declining state of our national highways and road networks is to implement a preservation strategy to deter and defer, for years, a reconstruction of new paved surfaces. ePAVE is part of that strategy – easy to apply, durable, good for the environment – and a restoration material that is highly efficient and cost effective.

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## LEAD THE WAY

ePAVE will put municipalities and commercial property owners at the vanguard of pavement preservation and help launch programs that are financially beneficial, and will increase safety and help the environment.

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## INNOVATION

The development of e-PAVE achieved several innovative breakthroughs in durability and a positive impact on the environment.

### ePAVE IS RESISTANT TO:

**SUNLIGHT UV**

**SNOW, RAIN AND RUNOFF**

**AUTOMOTIVE FUELS**

**LUBRICANTS**

**MOST AIRCRAFT FUELS**

**HYDRAULIC OILS**

### ePAVE PRODUCTS ALSO:

- Are not petroleum based products
- Possess significantly higher Solar Reflectance Index (SRI) values
- Install and cure rapidly, allowing pavements to return to service in hours, not days
- and are not influenced by oil prices

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## WHY ePAVE?

### WHY EPAVE VS OTHER PAVEMENT MAINTENANCE TREATMENTS?

Until recently, preservation and maintenance of asphalt and concrete pavements was a labor intensive, expensive undertaking, involving adverse environmental consequences. Other preventative maintenance methods such as micro-surfacing, slurry coat, chip seals and other thin overlays were only deemed effective if they could add an additional 2-3 years of extended service life.

These methods, however, all share similar factors which limit their longevity and successful performance. Traditional asphalt products and traditional resurfacing asphalt products are materially and adversely affected by temperature and moisture conditions including irrigation, storm water runoff, automotive fuel and UV light or sunshine.

ePAVE is the next generation polymer enhanced composite - engineered to decisively outperform other pavement maintenance treatments. Using advanced polymer technology and a blend of other organic ingredients, ePAVE eliminates the use of asphalt emulsion while providing a significantly longer life cycle and more beneficial environmental impact.