

Reclamite[®] Preservative Seal

*... the economic solution for
asphalt pavement preservation.*



TRICOR REFINING, LLC^{*}

Producers of  **Golden Bear[®]** PRESERVATION PRODUCTS

* TRICOR is a joint venture of San Joaquin Refining Co. And Ergon Inc.

Reclamite

the economic solution for pavement preservation.

Appearance of fine cracks

Asphalt has become brittle



Fine aggregate material loss

Untreated pavement as shown on the above left illustration has become brittle and is losing the fine aggregate between the larger stones. Fine cracks have appeared allowing moisture to enter the pavement and advance the deterioration process. Left untreated this pavement will ravel, develop potholes, alligator cracks and eventually require total replacement. Reclamite will rejuvenate asphalt pavement to a near new condition as shown on the right above by maintaining and restoring the balance of asphaltenes and maltenes required to keep the pavement pliable and self-healing.

Recomite stops pavement deterioration where it begins, at the top. Asphalt cement is made up of asphaltenes and maltenes to provide the physical characteristics needed for a good asphalt pavement. Weather and Ultraviolet rays from the sun damage the maltene fraction of the asphalt causing the pavement to become dry and brittle. The resulting loss of aggregate, cracking and moisture intrusion further deteriorates the pavement that will eventually, without intervention, lead to total pavement failure. Pavements exhibiting early signs of aging (minor hairline cracking, moderate raveling, and pitting) are excellent candidates for Reclamite Preservative Seal treatment. Reclamite Preservative Seal will seal out moisture and rejuvenate the asphalt to help maintain the pavement in a near new condition by restoring the asphaltenes and maltenes balance. Asphalt pavement becomes pliable again as the Reclamite fluxes with the asphalt cement, healing minor cracking and restoring the aggregate/asphalt bond. Reclamite Preservative Seal will preserve an asphalt pavement at one-half to one-third the cost of other conventional treatments.

Reclamite is a spray-on application typically diluted one or two parts Reclamite to one part water. The rate and proportions may vary according to pavement absorption and application needs. In critical areas such as airfields, a core sample can be taken for lab analysis to determine pavement absorption. Reclamite will penetrate down from the surface (the major area of damage) with depth depending on the application rate and the surface porosity. Normally a treatment will last for 3-5 years before another application is required. A small amount of sand is applied, after the Reclamite has had time to be absorbed, to address skid resistance.

On aging pavements, Reclamite rehabilitates and rejuvenates by restoring physical properties of the asphalt. Reclamite is also recommended for new asphalt pavements as a construction seal to significantly extend pavement life.

Reclamite... the smart choice for pavement preservation.



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