

RePLAY[®]

AGRICULTURAL OIL SEAL & PRESERVATION AGENT

*"Using Sustainable Alternatives
In Asphalt Preservation"*

Asphalt binder oxidation has been proven to be an ongoing process contributing to the deteriorating and aging of the binders throughout a pavement's service life. For many years petroleum based sealers were the standard for attempting to preserve asphalt surfaces. In 2001 BioSpan Technologies developed & patented a soy based asphalt sealer & preservation agent called RePLAY. Containing 40% soy bean oil & 88% bio-based, RePLAY rejuvenates asphalt by reversing the oxidation process by adding new SBS and SBBS polymers. It's made in America with recycled materials and no foreign oil, and is completely non-toxic.



RePLAY penetrates the asphalt matrix from 0.75" to 1.25" deep in a matter of minutes allowing the product to mix with the existing asphalt oils and add polymer molecules, while filling many of the air voids contributing to oxidation. This process increases the asphalt strength while at the same time retains its flexible properties, greatly decreasing the chance of fatigue cracking and deterioration.



THE BENEFITS ARE HUGE ...

- Restores asphalt pavement surfaces
- Softens the stiffness/hardness of the oxidized asphalt pavement surface, making it less brittle
- Penetrates 0.75" – 1.25" deep in minutes
- Adds new SBS & SBBS polymers (15% +)
- Improves the flexibility of the asphalt binder by restoring oxidized components & slowing the rate of aging and oxidation
- Tightens & adds density to the binder (sunscreen & water proofing)
- Maintains skid resistance
- Fast absorption, set up & cure open to traffic in less than 30 minutes without sand blotting
- Preserves existing striping (no restriping necessary)
- Completely non-toxic
- "Carbon Negative Footprint" no heating, less energy, less resources
- Cost effective method to extend pavement life
- Cost savings average 300% - 500% compared to traditional asphalt overlays



Authorized Distributor for BioSpan Products:



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