

Preserving our future naturally

800-729-8094

biorestor.com

BIORESTOR Asphalt Rejuvenator Emusifiable Concentrate

BIORESTOR® Asphalt Rejuvenator Emulsion is a restorative asphalt modifier that has been shown to increase a pavements life cycle by up to 40%! It is a participant in the USDA BioPreferred program. It has been developed from bio-based oils with a synthetic polymer modification, to create an environmentally sustainable road treatment. With the application of **BIORESTOR®** just after paving, the pavement lifespan can be dramatically increased, saving money for the customer!



Township Road

Benefits of **BIORESTOR®**

- Reduces cracking
- Increases flexibility
- Decreases viscosity (Brittleness)
- Increases penetration (Softness)
- Reduces ravel & pot-holes
- Field tested since 2004

*Test verified from American Standard Testing Method



BIORESTOR's specifically designed spray system

How **BIORESTOR®** works:

Asphalt pavements are termed as flexible pavements, which are constructed of thin layers of asphalt cement over stone bases or other asphalt layers. All layers are intended to flex to accommodate vehicle weight and provide an undamaged surface for driving. Over time these layers become brittle and inflexible causing them to crack under heavier loads. **BIORESTOR®** penetrates the asphalt cement by introducing agriculture oils that soften the asphalt cement renewing flexibility.

BIORESTOR® is applied to the surface by trained applicators, utilizing a precise spray system. The treatment is applicable to new as well as older pavements in good condition. **BIORESTOR®** can be used as a construction seal on newer pavements as part of the pavement contract and again 4-5 years later to provide cost savings and add years to the lifecycle of asphalt surface.



- After 10 years the treated road displays minimal maintenance required while the untreated needs significant attention
- Preventive Maintenance prior -
 - **BIORESTOR®** under \$1.00 sq. yd.
- Corrective maintenance post-
 - \$2.00 sq. yd. Chip-seal
 - \$4.00 sq. yd. Micro-surface
 - \$8.00 sq. yd. Repave

* Prices vary with location

Without asphalt preservation and preventative maintenance, repaving is inevitable in a relatively short period of time. At only a fraction of the cost of paving, **BIORESTOR®** preserves and protects asphalt pavements ensuring the longevity and quality of your paved investment. Time and testing have shown that using a rejuvenator such as **BIORESTOR®**, before asphalt breaks down, provides communities the opportunity to use their road monies more efficiently and expand their annual pavement preservation goals. It is cheaper and easier to take care of a good road than to save a bad one.

Good roads are expensive, but bad roads ultimately cost more!

- DOT's shoulders
- Urban/Suburban Municipalities
- County roads
- Gated communities
- Runways
- Parking Lots
- Bike Paths

Application

BIORESTOR® Asphalt Rejuvenator Emulsifiable Concentrate is shipped to the applicator in concentrated form. Emulsifiable product **MUST** be diluted 1:1 by volume by applicator.

Customer Testimonials

Ohio County Road Engineer, stated after testing a treated and untreated portion of the same road from 2004-2017, "The treated half mile stood up well for 13 years, while the untreated had to be patched and repaired often. In 2017, the entire road was re-paved and naturally, we used the soy product on the entire road. It is hard to be to specific in all cases because there are so many variables, but in general, we can say **BIORESTOR®** has shown to extend serviceable pavement life up to 40 percent for a current 13 percent additional investment as compared to untreated asphalt."

"Soon after the application of **BIORESTOR®**, we could clearly see the advantages, compared to a road paved at the same time under the same conditions, which was not treated, advantages began to stand out. **BIORESTOR®** is an excellent, environmentally friendly product, which over time more than pays for itself. It provides a superior, longer lasting finished product for our tax payers. Combined with outstanding knowledgeable service, we definitely plan to continue incorporating **BIORESTOR®** into our paving program."

-Highway Superintendent, North-Central Indiana County



Construction Joint treatment

For more information visit:
biorestor.com or call us at 800-729-8094



Parking lot