

"The Stabilizer"

ASPHALT BASE STABILIZER

"YOUR ROAD IS ONLY AS GOOD AS YOUR BASE"



P² EMULSIONS

Elm Mott (Waco), Texas

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"ROAD STABILIZER"

TxDOT Lab Certified to State Requirements

"THE STABILIZER" ---

P2's Proprietary formula asphalt emulsion soil stabilizer.

Easy and safe to use, incorporate with native soil "as is" without requiring additional aggregate or expensive other traditional stabilizers, such as lime, soil cement, or acid additives.

Resulting road significantly increases base density, and hardness that rivals concrete, while maintaining the asphalt characteristics of flexibility and waterproofing.

PRODUCT ADVANTAGES:

- **CONSISTENCY OF PRODUCT** - Stable & dependable every time!
- **EASY TO APPLY** - With distributor truck or gravity feed applicator
- **WATERPROOFS THE BASE** - Makes the road last longer, reduces potholes, cracks, and **STOPS WATER PENETRATION**
- **FAST** - Complete half a mile of road base per day
- **LABOR COST EFFECTIVE** - Reduces crew down-time; more road finished!
- **FEWER CITIZEN COMPLAINTS** - **TRAFFIC ALLOWED SAME DAY!**
- **WORKABILITY** - Our formula governs the emulsion's break time, allowing easy workability for crew, and then breaks for extreme base hardness.
- **NON-HAZARDOUS; ENVIRONMENTALLY SAFE; NON-VOLATILE; NON-FLAMMABLE.** Not E.P.A. Regulated. Fully meets TxDOT Items 300, 314.1, 314.2, and 314.3(1)(2).

BASIC APPLICATION: (to do 1/2 mile per day)

1. **Prepare the Road.** Reclaim dirt or overlay road to a depth of 6 inches. (If chip seal surface, scarify 2" deep. If curb/gutter - make winrows on each side.)
2. **Apply "Stabilizer" with Distributor Truck across road surface.**
3. **Roto-mix "THE STABILIZER"** into the road base. Spread winrows onto base.
4. **Compact** first with a sheep-foot until it "walks out of road", then rubber tire or pneumatic roller.
5. Perform final light blading to **shape the road.** Finish rolling with a steel roller.
6. Let road cure 48 hours. (Traffic OK)
After cured, the road will look & perform like sedimentary rock.
7. After cured - Use P2 Prime to seal out water & secure bonding to surface topcoat.
8. Apply surface treatment of your choice*.

*Follow up with **"CWE-2" Chip Seal and "ROC" Road Over Coat** as **surface treatments!** Tandem application locks rock down and gives uniform dark black color - for a road surface to rival black top at about a THIRD of the price!

All P2 products are formulated to molecularly lock to each other.

MSDS & Technical Data Sheet available upon request



P² Emulsions

Paul Bartsch (214)679-0310 Paul Leadabrand (972)822-1372
516 S. McLennan Loop
Elm Mott, Texas 76640

TECHNICAL DATA SHEET: **"The Stabilizer"** (P2 Sole Source Manufacturer & Distributor)

Description: P2's unique formulation of asphalt emulsion targeted to perform as road base stabilizer when incorporated into old road beds.

P2's **"The Stabilizer"** was specially formulated to bind natural road base together utilizing the strength & natural water-proofing of asphalt - thus *increasing road strength and ability to resist deformation* commonly caused by both weight and volume of traffic or from water infiltration into a road base.

P2's **"The Stabilizer"** drastically lowers the soil PI (Plasticity Index). Thus strengthens the natural road base -- yet leaves the road flexible enough to prevent cracking.

This high performance emulsion is P2's own proprietary formula – designed to mix easily with Texas native soils and indigenous aggregates and to quickly harden. Therefore, P2's **"The Stabilizer"** *removes the necessity of hauling in additional base material or aggregate*, and COMPLETELY REPLACES the need for using lime or soil cement type products currently mixed or layered into native road soil to stabilize road base.

When comparing P2 to other companies' asphalt emulsion stabilizer they may offer, an often missed evaluation point: P2's **"The Stabilizer"** APPLICATION RATE is approximately HALF OF ANY COMPETITOR'S application rate. So, in effect, **when application rate is considered in addition to price per gallon, we tally at half the cost .**

Specifications:

"The Stabilizer" meets all TxDOT specifications per TxDOT Item 314.

TxDOT test certified our product contained 0% Oil in Distillate (No V.O.C.'s)

<u>Tests per ASTM D 244</u>	<u>Min</u>	<u>Max</u>
Viscosity	20	100
Sieve		0.1% (= .001)
Storage Stability 1 day %		1%
Residue by Distillation	60	68
Penetration	50	80
Solubility in Trichloroethylene%	97.5	
Ductility	80	
Color	Brown turns Black	

P Squared Emulsion Plants, LLC owns the unique formula. Fulfills Sole Source Designation. Non-Hazardous/Eco Friendly/No Placard or mask necessary/Not EPA Regulated.

V.O.C. content (Volatile Organic Compounds) 0% 0% (proved per TxDOT test)

DO NOT CONTAMINATE WITH DIESEL. DO NOT FREEZE.

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TECHNICAL DATA SHEET: "The Rejuvenator"

Description: "The Rejuvenator" is an in-situ, cold recycling asphalt emulsion designed to restore old asphalt road base. Utilizing the pulverized asphalt and underbed from the existing road, "The Rejuvenator" forms the new road bed.

Our high performance emulsion is formulated to be compatible with millings from old pavement, remixes easily with native soils and indigenous aggregates to form a more durable and reliable road. Therefore, "The Rejuvenator" removes the necessity of hauling in base material or aggregate, utilizes the old pavement, and completely replaces the need for using lime or soil cement type products to re-stabilize.

DO NOT CONTAMINATE WITH DIESEL. DO NOT FREEZE.

Specifications:

"The Rejuvenator" meets all TxDOT specs per Item 300.2(9).

<u>Test Property</u>		<u>Min</u>	<u>Max</u>
Viscosity	ASTM D244	15	100
Sieve	ASTM D244		0.10%(=.001)
Miscibility	TEX-521-C	No coagulation.	
Color		Brown turns Black	
Residue by Distillation	ASTM D244	60	

Test on Residue:

Flash Point	C.O.C. F	400	
Penetration		80	120

Non-Hazardous/Eco Friendly/No Placard or mask necessary/Not EPA regulated.
V.O.C. content (Volatile Organic Compounds) 0% 0%



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*Call Today for
Road Trial!*



