

Pavement Technology Inc.

Offers

"Top of the Curve"
Pavement Preservation
Treatments

"Top of the Curve"

Pavement Preservation Products for Asphalt Pavements from Pavement Technology, Inc.

- Reclamite® Asphalt Rejuvenator
- JOINTBOND® Longitudinal Joint Stabilizer

The aging and breakdown of asphalt cement and loss of maltenes actually begins at the hot-mix plant due to the extreme heating necessary to blend asphalt cement with stone and to get it to the job site in a pliable state.



AC deterioration continues once the asphalt mixture is placed on a roadway due to:

- Constant exposure to the Sun's UV rays
- Environmental temperatures
- Oxidation
- Stripping action of storm water and melting snow
- Traffic wear





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Reclamite® TREATMENT PROCESS

Once applied Reclamite will normally penetrate into the pavement within 15-20 minutes







JOINTBOND®

Longitudinal Joint Stabilizer



Typical Applications



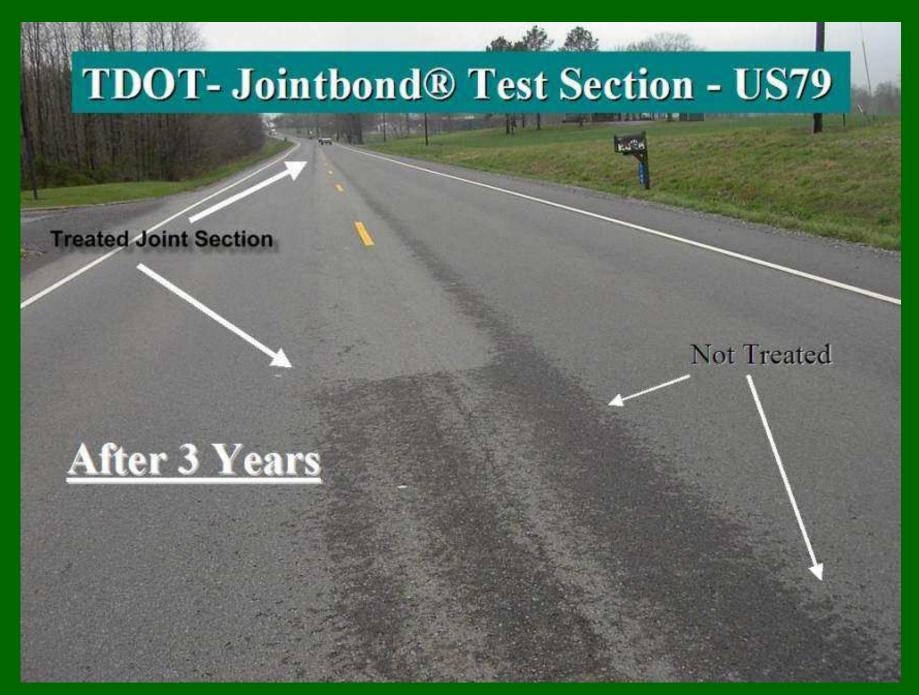




Rumble Strip treatment



After 3 Years the sealing effect was very visible.



Jointbond improves both the Viscosity and Elasticity modulus of the AC in the treated area.

Test Results on Recovered Binder-JOINTBOND Treated City of Nashville, TN – Centennial Blvd.

Core Sample	Viscosity@60 °C, Poiscs	Phase Angle, *	M O D U L U S, Pa		
			Complex	Elastic	Viscous
Core #3: Treated Core B top 3/8"	5441	85,5	5456	432	5438
Core # 3A: Treated Core B 3/8- 3/4" layer	7028	84.4	7047	685	7013
Core # 4: Untreated Core B top 3/8"	8258	84.0	8279	869	8234
Core # 4A: Untreated Core B 3/8 -3/4" layer	8251	84.2	8292	833	8250
Core # 5: JOINTBOND Treated Core C	4036	85.2	4047	336	4033
Core # 6: Untreated Core C	8108	83.2	8129	965	8071

Summary of Results:

All cores tested to 3/8" <u>indicated the product had penetrated to the 3/8" depth</u> where <u>it improved</u> both the viscosity and elasticity modulus of the cores from the treated pavement.

Core #3A was also tested to a "4" depth <u>and indicated the product had also penetrated to the "8" depth</u> and provided <u>similar improvements to viscosity and elasticity modulus in the core from the</u> treated pavement.

SURFCRETE

Concrete Resurfacer



Apply Surf-Crete Resurfacer

Two coats - finished surface approx 1/4"



Open to Traffic Within 1 Hour

Resurface



Finished



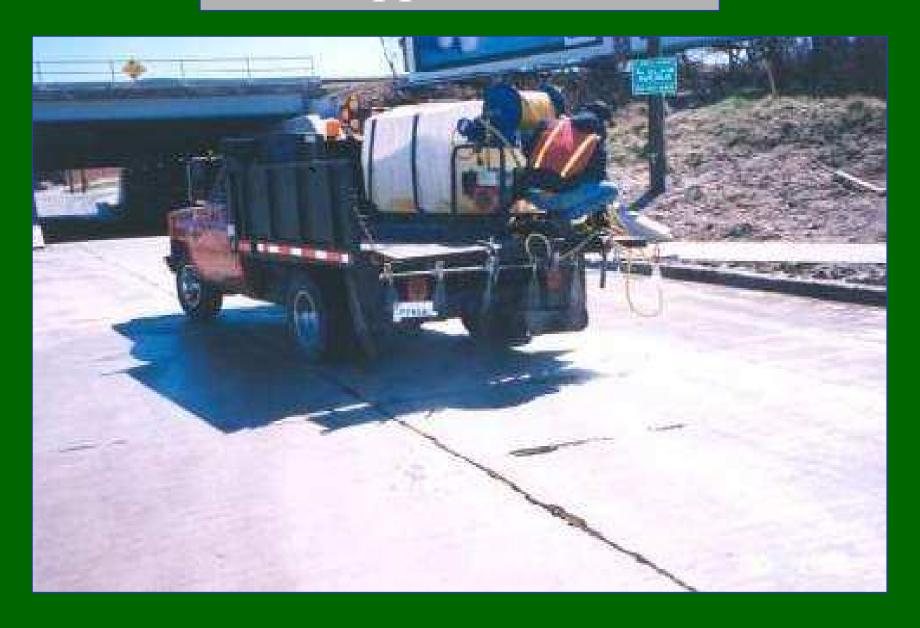
Concrete sealer for traffic bearing surfaces

Chloride Ion Resistance:

SINAK's protection will not wear off by abrasion, rendered ineffective by high water pressure, or weathered off.

This makes SINAK effective in blocking out salt water, proven by passing the AASHTO T-259 test. Which means the test specimen is abraded *after* treatment, then tested for chloride ion penetration.

Application



For More Information on Our Products Please Visit Our Display

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