



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**



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**



Reclamite®

TREATMENT PROCESS

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





Untreated

Reclamite
Treated

JOINTBOND®

Longitudinal Joint Stabilizer



Typical Applications



Rumble Strip treatment



SR 289 - Jointbond Treated Rumble Strip

(Note water is held within the strip and has not seeped down into the pavement)



SR 289 - Untreated Rumble Strip

(Note water has seeped through the rumble strip)



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, Poises	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" indicated the product had penetrated to the 3/8" depth where it improved both the viscosity and elasticity modulus of the cores from the treated pavement.

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

SURFCRETE

Concrete Resurfacer



Apply Surf-Crete Resurfacer

Two coats - finished surface approx 1/4"



Open to Traffic

Within 1 Hour

Resurface



Finished



SINAK

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

Pavement Technology, Inc.

24144 Detroit Road

Westlake, OH 44145

(800) 333-6309

www.pavetechinc.com

Westlake, OH

Dayton, OH

Charlotte, NC

Oak Ridge, TN

St. Petersburg, FL

Tallahassee, FL

Chattanooga, TN