

CARBONYTE[®]

SYSTEMS INC

SkidGuard
onSteel
RoadPlates

Aerospace
Engineered

BridgeDeck
ExpansionJoint

AviationGrade
Sealers

Alligatoring

S.A.M.I.

ARMSlurry

MilitaryGrade
Coatings

Roadway
Performance
Sealers

PAVEMENT PRESERVATION COATINGS TECHNOLOGY

AEROSPACE COATINGS TECHNOLOGY

Our Mission

- To Provide Maintenance Coatings for the World's Infrastructure
- To Understand the Character of our Mineral & Polymer Technologies as we Seek to Proliferate these into New Product Application Opportunities
- To Distribute as Direct-to-Market and Through our Licensed Partners

We at Carbonyte Systems Inc. are dedicated to providing our customers with the best service, materials and equipment at fair and marketable prices while continuing to improve on the current technologies. We are constantly striving to improve the Pavement Maintenance Industry with innovation in design and application. We use the most sophisticated equipment and experienced personnel to develop and expand the latest technologies in and outside the pavement industry. Years ago, the Space Travel industry brought an excitingly innovative and new technology called the "Carbonyte Process™". As we continue to develop and improve the technology of the Carbonyte Process™, we continue to look for other technologies and resources that can benefit the pavement industry.

Aviation Grade Sealers:

- **CarbonSeal-FR™:(Fuel RESISTANT Blend)** - Emulsion Adhesive Technology FAA Fuel Resistant, non-toxic, low PAH Sealcoat.
- **Carbonyte-FP™:(Fuel PROOF Blend)** - A Fuel Proof, Water Proof, non-toxic, low PAH sealer designed to penetrate deep into pavement substrates where it permanently weather seals airport, street & highway apron surfaces.
- **Carbonyte H-25™:** Heated Distributor Truck Applied Fog & Slurry Seal as a Micro Texture Surface Treatment with the Fastest Return-to-Service Available in the industry today! Also called Carbon Plex H-25 or TractionSeal in varied regions.

Roadway Performance Sealers:

- **Type 'S' Slurry Seal:** A Permanent, cost effective, substantially more durable pavement preservation alternative for parking lots & driving lanes. Improves Pavement Index and Replaces conventional top coats for all pavement surfaces from Airports to Highways.
- **Carbonyte: (Base Adhesive)** - Heated Distributor Truck Applied Fog, Seal Coat & Slurry Seal as a Micro Texture Surface Treatment
- **Carbonyte-A: (Atomized Slurry/Fog Seal)** - Carbonyte version is an SS1-h on steroids! We take hard pen asphalt and infuse a polymer layer for improved stability, penetration, fast cure, water resistance, and achieve a high softening point that will all but eliminate tracking. The elevation in characteristic will at least double the life of standard emulsion coatings. See ARB Microemulsion for even more muscle!
- **Carbonyte-ARB: (Asphalt Rubber Binder)** - This Microemulsion Surface Treatment is an 'Asphalt Rubber Binder' in liquid form that unleashes the power of SBS/SBR polymer from a scrap waste tire. Flexible, tough, water resistant, black saturant that fits level 1 pavement preservation. This material may be shot warm or cold through a distributor truck for high volume applications.
- **Carbonyte-CS: (Cape Seal)** - Typically a slurry over chip seal, Carbonyte developed a spray applied Type 0.5 design to help stabilize stone loss and infill some of the porosity of the chipped surface. The result is a black, well sealed surface that will extend the service life of chip seal, improve ride ability, and leave an aesthetically pleasing look closer to that of standard pavement. Depending on the performance target this product may come with SBS polymer or ARB modified asphalt binder.
- **Carbonyte-PLS: (Parking Lot Sealer)** - Environmentally friendly, and, due to its inherent qualities of asphalt chemistry, is by nature the best sealer treatment to consider for all asphalt surfaces. Several models are available depending on varying pavement conditions and traffic concentration.
- **Carbonyte-Slurry:** Type S, Type 1 ISSA, Type II & Type III are all single package Slurry Seals and available specific to your region & need.

Safety Line:

- **SkidGuard: (Performance Skid-Resistant Coating)** - The Premium Skid-Resistant Coating for Steel, primed concrete & wood. CTM-342 & ASTM C1028 Certified. Agency Ready & can be ordered in various colors. Standard Black.
- **Street-Tint: (Architectural Coating)** - High Visibility, Improved Traction pavement coating which aggressively adheres to various walking & driving surfaces. Can be ordered in various colors.
- **Bridge Deck Treatments:** Expansion joints on bridge decks pose a hurdle for contiguous pavement maintenance coating installations as they will not adhere to these metal surfaces. Similar to our SkidGuard coating is a material that can effectively be a priming interlayer to promote adhesion of slurry and other pavement materials. The added benefit is a smoother ride and less transitional vibration into the bridge structure.

Pavement Repair:

- **ARM Slurry™:** The Asphalt Rubber Micronized slurry restores durability, waterproofing, UV/IR protection & rideability to your pavement situation.
- **S.A.M.I. - Stress Absorbing Membrane Interlayer:** A highly flexible waterproof membrane which can be used alone or prior to another sealer.
- **RoadWeld:** A High Performance, Cold Pour Crack Sealer
- **GatorGuard:** The Easy, Fast & Economic Spot Repair for Alligatoring Asphalt & Divots.

Pavement Preparation & Additives:

- **GrimePrime:** The Premium High Solids Primer & Sealer to be used over oil & grease spots in preparation for a sealer.
- **Accel-R8:** Additive to extend season and hours in day for other asphalt sealcoats which Promotes Fast & Complete sealcoat curing, even in typically colder temperatures.
- **P2GTR:** Prime Permutated Granulated Tire Rubber. This process extracts the polymer from the scrap waste tire to be used as the feedstock in dry form to modify HMA or further processed into the Earth Resin liquid rubber. This component is a fraction of the cost of virgin polymers and is better at resisting UV/oxidative hardening, the key to longer lasting pavement!

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Thank you for your interest and continued business with Carbonyte's cutting edge products. Please contact us with any questions and we look forward to partnering with you for the success of your business.

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