PAVEMENT PRESERVATION and MAINTENANCE PRODUCTS
We are the scientists, the experts, the pioneers, the trendsetters.

Ready to shape the future of roadway construction and maintenance.

We know that a deal closed on a firm handshake can inspire the birth of a revolutionary new partnership.

Our passion for our customers is what drives us forward.

And our plants and employees keep us constantly evolving.

That’s why we research, develop and test our solutions to ensure superior products and service.

It’s our mission to stay true to our heritage as we turn to the future.

Expansion, smarter solutions, progress on the horizon.

Solidly grounded in responsible innovation.

This is the way we do business. This is the Ergon A&E way.
There’s no way around it. Pavement preservation is complex. In an industry that has transitioned from big budgets to slim wallets, we know that keeping the good roads good has been a long, sometimes frustrating journey. But we’re here to help. When you purchase from Ergon Asphalt & Emulsions, you’re getting more than just a product. You’re starting a relationship with some of the industry’s most experienced, trusted experts and engineers. We’ll walk with you every step of the way to ensure you’re getting the most bang for your buck. Armed with proven products and new expertise, you’ll become the talk of the town for all the right reasons. Take our road, and we’ll make sure yours stay in excellent condition for years to come.

YOUR TRUSTED RESOURCE
Seamless execution and service. A superior experience from the first handshake. With over thirty years of technical expertise, we’ve solidified our reputation as the go-to team for consistent quality that’s on time, on spec and on budget!

YOUR INNOVATIVE PACESETTER
A nationally recognized R&D design lab. An inventive engineering spirit. A cold and hot product array as responsible as it is robust. With our mix of experience and dynamic vision, we’re pioneering the industry’s top solutions.

YOU’RE LIKE FAMILY
From one generation to the next, we’ve upheld a tradition of commitment, sincerity and personal touch with every client. It’s a bond akin to family. Hard work. Doing what’s right. Loyal as the day is long. That’s just who we are.
EXCLUSIVE, PREMIUM EMULSION
Cationic High Float is our premium chip seal emulsion. It’s designed to offer lightning fast cure times and greatly increased chip retention. This innovative emulsion is applicable in all chip seal situations, but ideal for high traffic pavements when return-to-traffic time is critical.

POLYMER-MODIFIED SOLUTIONS
Designed according to national and international specifications, our polymer-modified chip seal solutions are ideal for moderate traffic pavements that need a fast return to traffic and improved chip retention.

CONVENTIONAL OPTIONS AVAILABLE
Our conventional chip seal products have provided unconventionally successful results for over 30 years. Increase the quality and expected service life of your roadways with these time-tested solutions.

Chip Seal Pavement Preservation System

UPGRADE & PRESERVE YOUR ROADS
Ergon A&E’s chip seal solutions are uniquely designed to provide optimal performance on your roadways. We offer premium, modified and conventional options for gravel roads and a variety of paved surfaces.

Need help choosing the right chip seal product? Your Ergon A&E sales representative will provide you with a free-of-charge consultation.
Cold In-Place Recycling (CIR)

RESTORE THE LIFE OF WORN ASPHALT PAVEMENTS
Our Cold In-Place Recycling products help you restore worn pavements in a budget friendly, environmentally responsible way. Not familiar with CIR? Ergon A&E will help you determine if your road is a good candidate for this treatment.

In-Place Pavement Rehabilitation Process

COVER MORE GROUND
Due to its low temperature application and reuse of materials that already exist on the jobsite, CIR offers significant savings for projects that are a great distance away from asphalt storage sites.

CUSTOMIZED EMULSION DESIGN
Ergon A&E’s engineers extensively research pavement performance parameters prior to designing asphalt emulsion binders to ensure quality results.

REDUCED ENERGY USE
CIR cuts costs due to its reduced energy consumption and use of existing materials. It benefits your budget, and the environment.

Did you know that Ergon A&E’s CIR applications extend pavement life by an average between 6-10 years?
Hot In-Place Recycling (HIR)  

Eco-Friendly Road Rehabilitation

REWORK EXISTING ROAD MATERIALS & EXTEND PAVEMENT LIFE

Hot In-Place Recycling is a convenient and cost effective application used to repair and extend the life of your roads. Ergon A&E’s products are designed for the three subsets of HIR: surface recycling, surface repaving and remixing.

TAILORED SOLUTIONS

Each subset of HIR has its own unique process and benefits. Ergon A&E will help you determine which technique will provide the best results for your pavement.

TARGETED MIX DESIGNS

Our HIR products are carefully designed to rehabilitate pavements and improve road quality for a smooth riding surface.

REDUCE PRODUCTION COSTS

HIR applications can be completed in a single pass, significantly reducing the cost to support production when compared to traditional mill and fill operations.

HIR should be used when your pavement is experiencing moderate to severe distresses such as surface irregularities and cracks, but not if the underlying layers have been damaged.
Slurry Seal/ Micro Surfacing

ACHIEVE A LONG-LASTING WEARING SURFACE WITH EXTREMELY HIGH FRICTION RATINGS

Slurry seal and micro surfacing are mixtures that create a high friction layer on a variety of roadways, including airport runways. One of the greatest strengths of these treatments is their ability to maintain these high friction properties throughout their service life. Ergon A&E provides slurry and micro surfacing solutions for multiple pavement types.

PROTECT THE SURFACE

Ergon A&E’s slurry seal and micro surfacing solutions serve as durable wearing courses that guard against damage from traffic and water. These treatments can halt the degradation of your pavement and protect it for the long haul.

EXTEND SERVICE LIFE

When applied at the right time in a pavement’s lifecycle, our slurry seal and micro surfacing applications add a minimum of 5-7 years to the remaining service life of your road.

INNOVATIVE LAB-DESIGNED SYSTEMS

Our slurry seal and micro surfacing systems are designed at Ergon A&E’s industry leading R&D laboratory.

Looking for a micro surfacing solution with revolutionary performance?

See Ergon A&E’s e-Series brochure for more information about our eFlex premium micro surfacing emulsion.
EARLY PREVENTION
Apply a fog seal at the first sign of deterioration, such as hairline cracks, to reduce long-term maintenance costs. Your Ergon A&E sales representative can answer any questions you have about the timing of the treatment.

KEEP COMMUTERS SAFE
Fog seal applications increase safety on roadways by delineating driving lanes, making it easier to navigate.

COST-EFFECTIVE SERVICE LIFE EXTENSION
Fog seal treatments add 1-3 years to the existing service life of your pavement. They are among the most cost-effective pavement preservation treatments on the market.

Need advice about the timing or necessity of fog seal treatments? Contact your Ergon A&E sales representative.
Cape Seal

**TWO-STEP COMBINATION TREATMENT**

Cape seals are combination treatments consisting of a chip seal covered with a layer of either slurry or micro surfacing. This dual treatment provides the restorative qualities of a chip seal with the smooth ride and aggregate binding characteristics of slurry/micro. Cape seals improve on the capabilities of chip seals and micro/slurry by treating cracks, providing a superior seal and ensuring a smooth driving surface.

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**IDEAL FOR HEAVILY TRAFFICKED AREAS**

Cape seals are ideal for rural highways. They’re also perfect for use on urban highways and residential neighborhoods because of their ability to prevent loose chips.

**SIGNIFICANTLY EXTEND PAVEMENT LIFE**

Traditional cape seals can extend pavement life by 6-8 years. When polymer-modified, that number rises up to 10 years in optimal conditions.

**IMPROVE RIDE QUALITY**

Cape seals provide a much smoother ride quality than chip seals alone, while reducing the recurrences of cracking and distress between maintenance efforts.

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Not sure if a cape seal is right for your road? Contact an Ergon A&E sales representative for advice.
ALL THIS, AND MORE.

ADDITIONAL SOLUTIONS
- Blade Mix
- Cold Patch
- Dust Palliative
- Mulch Treatment
- Penetrating Prime
- Recycle Mix
- Rejuvenator
- Sand Seal
- Sandwich Seal
- Tack Coat
- Ultra-Thin Bonded Wearing Course
- Warm Mix Cold Lay

Our "Field Guide to Emulsions" is a comprehensive resource on these treatments and more. Obtain a copy from your sales representative, or by visiting ErgonAsphalt.com.

PREMIUM E-SERIES PRODUCTS
- eTac Bond Coat
- ePrime Eco-Friendly Prime Coat
- eFog Rejuvenating Fog Seal
- eScrub Rejuvenating Chip Seal
- ePatch High-Performance Cold Mix
- eFlex Premium Micro Surfacing Emulsion

Visit ErgonAsphalt.com or SaveMyRoad.com for our full pavement preservation product lineup.

Consult the Field Guide to Emulsions or your sales representative for information about product availability in your area.
Full Depth Reclamation (FDR)

Flexible & Strong Stabilized Base

CREATE A STRONG BITUMINOUS BASE USING EXISTING ROAD MATERIALS

Full Depth Reclamation with Ergon A&E’s Engineered Emulsion Treatment (EET) reuses 100% of your existing pavement to create a sturdy new base. The result is an improved structure that can withstand high volume traffic and harsh conditions. Our EET emulsion rejuvenates your road during the FDR process, provides smooth ride quality and reduces overall maintenance costs.

IMPROVE RESISTANCE

FDR with EET improves resistance to thermal cracking and moisture damage, which strengthens and extends the life of your pavement.

ENGINEERED MIX DESIGN

Our FDR treatments are designed using an asphalt emulsion that is specifically tailored to complement and enhance your existing roadway.

SAME-DAY RETURN TO TRAFFIC

Roads that undergo the FDR process with EET can typically withstand same-day return to traffic while maintaining a strong bond, whereas other treatments can take days to cure.

FDR can be used on a wide variety of pavements, from highways to isolated service roads.
**Crack Seal**

**STOP CRACKS IN THEIR TRACKS**

Cracks are a sure sign that your pavement is in distress. Seal them fast with Crafco crack sealant. Sealing cracks prevents subgrade failure by keeping moisture out of the base. It’s a necessary step when you have cracks over \( \frac{1}{4} \)" in width if you want to achieve optimal chip or slurry seal performance.

**PREVENT WATER INTRUSION**

Working cracks (≥ 3mm) will develop in 2-7 years on most new pavements, and 1-3 years on overlaid concrete. To prevent moisture from seeping in and causing significant damage to your base, treat them with our crack sealant.

**BUDGET FRIENDLY PROTECTION**

Crack sealing is a cost-effective way to increase the life of your pavement without breaking your budget.

**PREPARE FOR FUTURE TREATMENTS**

Apply crack seal prior to placing surface treatments like chip seal, slurry seal and micro surfacing.

Crafco, an Ergon company, has been providing the industry with crack sealant and related products since 1976.
Prevent Water Intrusion
Stop water from entering the base and degrading the underlying structure of your pavement.

Repair Non-Working Cracks
Crack fill is your solution for repairing tightly spaced non-working cracks (< 2.5mm).

Prepare for Future Treatments
Our crack fill solutions prevent deterioration from traffic and moisture infiltration both above and below the surface.

Elminate Large Cracks in Worn Asphalt Pavements
To repair longitudinal, block, fatigue and closely spaced transverse cracks, you’ll need more than just a seal. Crafco’s crack fill products are a stiffer, more traffic resistant product designed to repair these larger cracks on pavements in fair to poor condition.

Not sure which crack repair product to choose? Visit Crafco.com for more details.
WE’RE WHERE YOU NEED US.  

WITH FACILITIES ACROSS THE NATION, THE ERGON A&E TEAM IS READY AND WILLING TO ASSIST.

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Building trusted relationships with each of our clients is at the core of our company values. It is our mission to provide exemplary service, top-tier products and unmatched value in everything we do.