



SUPERIOR ROAD SOLUTIONS FOR OVER 86 YEARS

EZ Street Premium Cold Patch is now available at Missouri Petroleum

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EZ Street is a polymer-modified, high-performance, industry-changing asphalt that's guaranteed to permanently repair potholes, utility cuts, overlays and edge repairs in asphalt or concrete. EZ Street is produced by Fred Weber, Inc. Not only does EZ Street asphalt work in ALL weather conditions, it even works in water. EZ Street cold patch requires no mixing and no tack coat. No matter the location, the weather, or the time of day, EZ Street asphalt is quick, effective, permanent and requires a minimal installation crew without special equipment. Simply sweep the area, fill the area with EZ Street cold patch asphalt and compact with a shovel or car tire. EZ Street cold asphalt is ready to use right out of the bag, making it perfect for applications ranging from driveway repair to parking lot repair to road repair. **It's available at our Woodson Yard in 50 pound bags and in bulk.**



Conferences of Interest In Early 2019

- MAPA Conference
1/14 – 1/16
- World of Asphalt
2/12 – 2/14
- MAPA Spring Training
2/20 – 2/21
- MO/KS ACPA
2/25 – 2/27
- TEAM
3/13 – 3/15
- APWA
4/28 – 4/30

EnduraSeal TR® is an environmentally-friendly, premium asphalt emulsion driveway and parking lot sealer. EnduraSeal TR® is a cationic emulsified sealer that is formulated with asphalt, recycled tire rubber, select fillers and chemical additives. EnduraSeal TR® forms an impervious seal against water and provides a wear resistant coating with a rich, black luster. Our EnduraSeal TR® sealer offers superior wearability while protecting the pavement from UV degradation and oxidation. It is available in two different formulas: concentrate and ready-to-use. Bags of sand are available and can be mixed with the sealer by the customer to provide additional traction to the finished product. The recycled tire rubber provides an environmentally “Green” solution to those who desire to use eco-friendly maintenance techniques. EnduraSeal TR is available our Bi-State Emulsions plant. Please call Bi-State at 314-645-1818 to place an order or for pricing, call Debbie at 314-219-7375.

In the Spring of 2019, you'll be able to pick up EnduraSeal TR at the Fred Weber North plant in Maryland Heights, too!



Employees Promoted in 2018

- Mike Hartman-



Mike Hartman has been promoted to Vice President, Sales of Missouri Petroleum Products Co. He is responsible for the sales and marketing of our bituminous products. Mike started with Missouri Petroleum 17 years ago. He is well-versed in the application of emulsions and cutbacks and serves as a great resource to our construction partners. Mike graduated from Eastern Illinois University with a Business degree in Marketing. He has more than 22 years of experience in the construction industry. Prior to his time at Missouri Petroleum, he sold construction equipment for five years. Mike is actively involved in numerous industry associations such as AGC, APWA, APAI, IAPA, MACTO, MAPA, MO/KS-ACPA, MSPMA and SITE. Mike has been married for 22 years and has a daughter and a son.

- Debbie Novak-



Debbie Novak started with our parent company, Lionmark Construction Cos., LLC, in September 1995. She started as Receptionist, moved on to Accounts Payable & then Inventory Management. Currently she oversees our Asphalt Purchasing & Inventory. She also recently became our new Sealer Sales Representative. She is a member of APWA Missouri Chapter and is involved with other organizations such as AGC of Missouri, SITE and MAPA. She was also just featured as one of the “100 Women of Asphalt” by the Women of Asphalt Organization. Debbie has been married for 22 years and has an 11 year old son. Debbie says that she loves her job and the people with whom she works. “They make my job enjoyable, fun and we really feel like a family at Missouri Petroleum.”

Best Practices for Storing and Handling Emulsions

Proper storage, handling and sampling practices when using asphalt emulsions are critical. Otherwise, it can compromise the quality and performance of the emulsion. There are several basic good storage, handling and sampling practices recommended by the Asphalt Emulsion Manufacturers Association (AEMA) that manufacturers and applicators can do to ensure good performance of asphalt emulsions on the road.

- **COMMUNICATION**

The emulsion manufacturer must:

- Have the appropriate mix designs and quality control system in place.

The emulsion applicator must:

- Know the emulsion standards and specification regarding application of emulsions they use;
- Have proper emulsion application equipment maintenance and operation;
- Have the proper amount of emulsion needed; communicate the date needed to the emulsion manufacturer (5-7 business days in advance);
- Provide the emulsion manufacturer daily feedback on the material being used;
- Know the limitations of how the emulsion can be stored, handled, tested and applied.

- **KEEP THE EMULSION FROM FREEZING OR OVERHEATING**

Do not overheat an emulsion because elevated temperatures evaporate the water and change the characteristics of the emulsion, resulting in an increase in viscosity. This will make pumping through a distributor more difficult. Emulsions should **not freeze**. Freezing breaks the emulsion and separates the asphalt from the water and results in two layers in the tank, neither of which will be suited for the intended use. This will also make the tank difficult to empty.

- **USE VERTICAL TANKS RATHER THAN HORIZONTAL TANKS.**

Horizontal tanks create a large surface area and expose the emulsion to air at its surface, causing a skin on the surface of the emulsion. Vertical tanks are better because they minimize the emulsion surface area exposed to air.

- **USE GENTLE AGITATION AND AVOID EXCESSIVE PUMPING/RECIRCULATION**

Side paddles or blenders with a little bit of movement are best. Light and gentle agitation is recommended when heating emulsion. Be aware that asphalt emulsions are sensitive to pumping. The more the emulsion is pumped, the more the emulsion viscosity may drop. Excessive pumping or over-circulation can cause air to become entrapped, resulting in unstable emulsion.

- **FOLLOW ALL SAFETY PROCEDURES.**

Safety procedures are important when handling asphalt emulsions. Handlers should provide adequate ventilation to avoid prolonged exposure to fumes, vapors and mist. Handlers should be aware of the material compatibility between the material just hauled and the material to be hauled. Obtain a copy of the supplier's Safety Data Sheet (SDS) and give a copy to every emulsion handler. When handling asphalt emulsions, wear a long-sleeved shirt, gloves and face shield.



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Ben Polman—Dispatch Manager
Tim Parker—Project Manager
Steve Jeffs— Project Manager
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Return Service Requested

Hours of Operations at Missouri Petroleum and Bi-State Emulsions:

Missouri Petroleum Winter Hours 314-219-7305

Monday-Friday 7:00 am—3:00 pm

Bi-State Emulsions Winter Hours 314-645-1818

Monday-Friday 6:30am—3:30 pm

Please note that Bi-State cannot load emulsions if the temperature is below freezing.

Missouri Petroleum staff members conduct “Lunch and Learns” on several topics including surface treatments, paving fabrics, geotextiles, pavement preservation strategies and liquid asphalt systems. Please contact our office at 314-219-7305 for more information

We’d like to thank all of our well-established customers and our first time customers in 2018. Your business has been greatly appreciated and we look forward to sharing a prosperous and exciting 2019.

