FSA

FAST SEALING ADDITIVE

AND PRODUCT IMPROVER FOR COAL TAR SEALER

Introduction:

FSA Additive is an exclusive copolymer additive formulated by Maintenance, Inc. - Specialists in Pavement Maintenance since 1938. FSA - The Product Improver - improves the application and performance of any coal tar pitch emulsion (CTPE) sealcoating material.

FSA is a unique, time-tested additive that is designed for those who want to enhance performance by keeping dilution rates to a minimum and solids content at a maximum while gaining the following benefits:

- Reduces cure time by 50% or more
- Reduces tracking and power steering marks
- Dries blacker
- Improves adhesion
- Improves flexibility, especially low temperature flexibility
- Improves resiliency, the ability to recover after shrinking or stretching
- Improves abrasion resistance and decreases sand roll-out by increasing the binder to aggregate ratio and by increasing the cohesive strength of the sealer (makes the sealer tougher)
- Designed to be used with standard sealcoating equipment at standard sealcoating application rates
- Can be used with a wide range of sand loadings, or no sand at all, to engineer a sealcoating system to meet specific requirements
- Reduces labor and travel costs while enhancing performance at a competitive price
- No tar balls or tar strings from coagulation, flocculation or conglomeration due to incompatibility

Suggested Sealer Formulations:

Using any C.T.P.E.*:

	No Sand	Low Sand	Moderate Sand	High Sand*
C.T.P.E. (gallons)	100	100	100	100
FSA (gallons)	3-10	3-25	10-25	15-25
Water (gallons)	10-35	10-35	10-35	10-35
Sand (lb./gal. C.T.P.E.)	- -	3-5	5-10	10-15

*For sand loadings greater than 10 pounds per gallon, the C.T.P.E. must meet Advanced Formula J-16 Pavement Sealer specifications as described in Maintenance, Inc. Technical Data Index G-AFJ.

MAINTENANCE, INC.
P.O. BOX 408 • WOOSTER, OH 44691
A PREMIER Company
CALL TOLL FREE: 1-800-892-6701 • FAX TOLL FREE: 1-800-264-2578

Coverage Rates:

The following are typical rates based on the above suggested sealer formulations.

With Sand

0.08-0.12 gal. of mix per yd² per coat = 8-12 yd² per gal. of mix per coat

Without Sand

0.10-0.15 gal. of mix per yd² per coat = 6-10 yd² per gal. of mix per coat

Formulation Tips:

The best FSA formulation will depend on the C.T.P.E. used, the weather conditions and the desired results. The more FSA used the greater the benefit. Consult with the specialists at Maintenance, Inc. to determine the best formula for your application.

Mixing:

FSA can be added to any sealer mix (formulation) at any time and in any amount without fear of the mix becoming too thick. You will see a little thickening when FSA is first added but that will disappear quickly with agitation.

Application:

Follow pavement preparation procedures, application procedures and recommended number of coats found in Maintenance, Inc. General Application Specification for Advanced Formula J-16 AFJ-392.

A second coat can be applied as soon as the first coat will take traffic without scuffing. After the second coat, test for trafficability before opening the pavement to regular use.

Precautions:

FSA modified C.T.P.E. sealcoating should not be applied when the ambient or pavement temperatures fall below 45°F in a 24 hour period. It should not be applied when rain is expected within 24 hours.

Use only waterborne line marking paint such as Vyna-Stripe Traffic Paint on newly sealed pavements to prevent "bleeding" of the sealer.

Notes:

When you need improved performance and a viscosity modifier to thicken diluted sealer, use FSA Plus Additive with built-in thickening agent.

For viscosity control use EZ Spray or Tar Gel.

For areas requiring extra fuel resistance such as truck refueling pads, use AFR Plus Additive.

ALWAYS READ THE LABEL BEFORE ATTEMPTING TO USE THE PRODUCT! Additional Technical Data Sheets and/or Material Safety Data Sheets (M.S.D.S.) are available upon request.

NOTICE: The methods and techniques described in application specifications represent some that have been used successfully to obtain the desired results. All variations in asphalt, climate conditions and equipment cannot be anticipated by MAINTENANCE INC. The decision to use any of these methods and techniques is entirely at the election and responsibility of the user.

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