

1. PRODUCT NAME

FSA® Fast Sealing Additive

2. MANUFACTURER

Maintenance, Inc.

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Stocking Distributor Locations:

Phone for current locations

3. PRODUCT DESCRIPTION

FSA® Fast Sealing Additive is a unique silicone fortified latex copolymer especially formulated for use with pavement sealer. It improves the workability and handling of pavement sealer, adds measureable value to the material in which it is used, and reduces drying times by 50% or more. By shortening drying time, labor costs and downtime can be reduced. FSA® Additive is not a bulking agent or an extender. (For improving the viscosity of diluted sealer, and faster drying – FSA® Plus Dual Action Additive is available. It combines all the features of FSA® Additive, with a built-in thickening agent.)

Sizes: Packaged in 5 gallon plastic pails, 55 gallon fiber or steel drums, and in bulk 275 gallon totes.

Color: FSA® Additive will enhance and darken the color of cured pavement sealer.

Basic Uses: FSA® Additive is recommended for applications such as apartment or office complexes, fast food restaurants and service stations, where fast drying is critical.

Composition: As shipped, FSA® Additive is a latex additive.

Limitations: Do not allow to freeze. Do not store in direct sunlight or where temperature exceeds 120°F. Store in sealed containers.

KEY BENEFITS

- Reduces Cure Time by 50% or more
- Reduces Tracking and power steering marks
- Dries Blacker
- Improves adhesion and cohesion
- Improves resiliency and flexibility of cured coating
- Improves abrasion resistance of cured coating
- Decreases sand roll-out
- Compatible with all brands of sealer
- Will Not Cause Coagulations, flocculation of conglomeration – no tar balls or tar strings
- Performance Proven coast-to-coast for over 15 years
- Readily Available from Stocking Distributors, or direct from the manufacturer
- Aids sand suspension and dispersion in sand slurry mixes

4. INSTALLATION

Preparatory Work: The asphalt surface must be structurally sound, surface cured, and free from all loose or foreign matter prior to the application of sealers mixed with FSA® Additive.

Methods: The application of pavement sealers fortified with FSA® Additive may be spraying, rubber-bladed squeegee, brush, or mechanical equipment specifically designed for this purpose. Due to the heavy bodied nature of the slurry-mixed pavement sealer fortified with FSA® Additive, application by means of specialized equipment is recommended. This equipment can be of two types, high volume positive displacement airless spray unit or mechanical squeegee. Both types must be capable of keeping material thoroughly mixed and homogenous throughout the application process. All equipment used must be capable of supplying a sufficient quantity of material for uniform application over the entire width of the application mechanism to provide a uniformly coated surface. Hand-work by means of rubber-bladed squeegee or brush is acceptable but should be limited to trim work and low to moderate traffic areas.

Mix Design:

MIX QUANTITY CHART - Based on 100 Gallons of Concentrated Sealer			
Traffic	Water Approx. Gals.	FSA® Additive Gals.	Sand Lbs.
Low/Med	25-30	2-3	300-500
High	25-30	3-5	300-500

A minimum of 2% FSA® Additive added per 100 gals. of concentrated pavement sealer will significantly accelerate the drying time of the applied coating. For an even faster set 5% additive is recommended.

All sand used should be clean, dry, pure silica sand, free of clay, trash particles and other contaminants. Medium fine sand with an A.F.S. rating of 50 to 70 gives best results. There should be no more than 2% retained on 30 mesh or coarser, no more than 10% retained on 140 mesh and no more than 0.3% retained on 200 mesh.

Application: For use over asphalt pavement, the following application procedures are recommended for best service:

- Each application of the ready to use mixture shall be at a rate of 0.14 to 0.17 gal./yd²/coat. Coverage rates can vary with the age, texture, and porosity of the pavement and with the method of application.

FSA® Fast Sealing Additive

PRODUCT DATA SHEET Continued

- *Low to Moderate Traffic* — drive-ways, parking lots, gasoline station aprons, etc., apply two sand-slurry coats.
- *High Traffic* — airfield taxiways, strip centers, fast food restaurants, shopping malls, etc., apply three sand-slurry coats.

On a typical parking lot two coats could be used for the parking stalls and a third coat for the drive lanes where most of the wear occurs.

Application must be made when ambient temperatures and pavement temperatures are above 50°F. Good drying conditions above 50°F are required during the subsequent 8 hours and no temperatures below 50°F should be anticipated for 48 hours. Night time application requires longer drying times. It is recommended that the area over which the application is made be opened to use only after trial shows it to be cured sufficiently to accept regular traffic. Ideal drying conditions are temperature of 70°F, sunlight, low relative humidity and movement of air. Lower temperatures, high humidity, clouds or shade, and lack of air movement retard cure.

Precautions: Keep out of reach of children. Container should be closed when not in use. Do not apply sealers mixed with FSA® Additive over chip seals or sealers which contain gilsonite. New asphalt must be allowed to cure for a minimum of 30 days prior to application and must not exhibit ribboning, crawling, nor show oil rings when 1 gal. of clean water is poured onto surface.

Protect wet sealers mixed with FSA® Additive from freezing and rain at all times.

Consult specific Maintenance, Inc. material safety data sheet before use.

5. MAINTENANCE

Tools and equipment may be cleaned promptly with water. Oil drippings may be removed with mild detergent. As a rule, a clean, well-marked parking lot is safer and will last longer. Occasional flushing with water or the use of a contracted cleaning service will help to retain attractive appearance.

6. TECHNICAL DATA

Applicable Standards: FSA® Additive meets the Pavement Coatings Technology Center (PCTC) specification PCTC02 when combined with the specified amount of refined coal tar emulsion sealer.

Environmental Considerations: FSA® Additive is considered non-hazardous when tested according to the E.P.A.'s T.C.L.P.

Drying Time: "Set to touch" in 1 hour, exhibit "final set" in less than 4 hours under ideal drying conditions.

Non-Flammability: The cured coating shows no tendency to flash or ignite.

7. TECHNICAL SERVICES

Complete technical data, C.S.I. formatted application specifications, product and application recommendations, and material safety data sheets, as well as assistance with special situations and field service are available upon request.

8. WARRANTY

FSA® Additive, as shipped from the factory, is warranted to meet all composition and performance criteria as stated under Technical Data in Section 6.

9. ADDITIONAL INFORMATION

Maintenance, Inc. manufactures and distributes a full line of pavement maintenance products and accessories.

- **Pavement Sealers**
Advanced Formula J-16® Pavement Sealer
FASS-DRI® Asphalt Resurfacer
Rec-Tech® Acrylic Color Coatings
- **Additives**
FSA® Fast Sealing Additive
FSA® Plus Dual Action Additive
FSA-AE® Fast Sealing Additive for Asphalt Emulsion Based Sealers
AFR Plus Fuel Resistant Additive
EZ Spray Spray Mix Improver
Tar Gel Thinning Agent
- **Crack/Joint Sealants**
Lastek® 33 Cold Applied Crack Sealant
Lastek® CP-3405 Elastomeric Cold Applied Crack Sealant for Asphalt and Concrete
Lastek® 34-N Black Neoprene rubberized caulk-grade crack/joint sealant
Lastek® 36 Hot Pour Crack Sealant
- **Primers**
Oxi-Bond Latex Primer
Tack Cote
Oil Spot Sealer
- **Patching Materials**
Gator Patch
Pot Hole Patch
- **Concrete Coatings/Repair**
Plasticon Concrete Repair
Curon Concrete Coatings
Minco Fass-Caulk Urethane Sealant for Concrete or Masonry
- **Application Tools & Accessories**

The above specifications on product usage are believed to be true and accurate. Maintenance, Inc. guarantees that all materials manufactured comply with quality standards as described in the product data sheets. Because the application, handling, weather, workmanship, and/or equipment are beyond the control of this manufacturer, only the quality of the products as shipped is guaranteed. In no case will the liability of Maintenance, Inc. exceed the purchase price of the shipped materials.