

6165 W Detroit St. • Chandler AZ 85226  
+1 (602) 276-0406 • +1 (800) 528-8242 • FAX +1 (480) 961-0513  
www.crafco.com

**READ BEFORE USING THIS PRODUCT**

**GENERAL DESCRIPTION:**

ACTION PAVE<sup>®</sup> LP CLASSIC is a heavy duty concentrate resin emulsion (water based) sealer. ACTION PAVE<sup>®</sup> LP CLASSIC is part of a new generation of pavement sealers that are high-performance, effective alternatives to both refined tar and asphalt emulsion sealers. ACTION PAVE<sup>®</sup> LP CLASSIC will perform to the standards you have come to expect from the entire family of ACTION PAVE<sup>®</sup> sealers. ACTION PAVE<sup>®</sup> LP CLASSIC is manufactured using the highest quality grade of petroleum resin, minerals, specialty additives, and performance boosters. ACTION PAVE<sup>®</sup> LP CLASSIC has an extraordinary degree of toughness and water repellency, unmatched by any competitive sealer. ACTION PAVE<sup>®</sup> LP CLASSIC forms a tough, durable, and flexible coating that protects asphalt pavements from the damaging elements of weather, water penetration, de-icing salts, traffic damage, surface raveling/checking, gasoline, and other petrochemicals. ACTION PAVE<sup>®</sup> LP CLASSIC is recommended for use on many asphalt pavement surfaces, including home driveways, commercial parking lots, apartment complexes, restaurants, schools, gas stations, truck terminals, airfield taxiways, parking areas, shoulders, and many more. ACTION PAVE<sup>®</sup> LP CLASSIC is mixed on the jobsite with water and sand to provide proper application consistency, skid resistance, and wear resistance. Polymer additives may also be added at the jobsite for improved durability. ACTION PAVE<sup>®</sup> LP CLASSIC is available in a variety of forms including concentrate, ready mix, sand mix & sand ready mix. The combination of state-of-the-art technology in manufacturing and raw material selection translates into the following outstanding properties. VOC <50 g/l.

**OUTSTANDING PROPERTIES**

- Comparable to refined tar sealers in toughness, overall durability, and application procedure.
- Better fuel, salt, and petrochemical resistance than asphalt emulsion-based sealcoats.
- Color stability that is comparable to refined tar sealcoats, and better resistance to fading than asphalt emulsion-based sealcoats
- ACTION PAVE<sup>®</sup> LP CLASSIC can be applied earlier in the spring and later in the fall than asphalt emulsion-based sealcoats, lengthening the construction season.
- ACTION PAVE<sup>®</sup> LP CLASSIC is water-based, easy to apply, handle and store, and is non-burning and non-irritating with no significant odor.
- Dries to an appealing dark charcoal color that enhances property value.

**SPECIFICATION CONFORMANCE:**

ACTION PAVE<sup>®</sup> LP CLASSIC meets all testing requirements of ASTM Specification D5727, "Standard Specification for Emulsified Refined Coal Tar (Mineral Colloid Type)", Federal Specification R-P-355e, "Pitch, Coal Tar Emulsion (Coating for Bituminous Pavements)", and exceeds requirements of ASTM D3320, "Standard Specification for Emulsified Coal-Tar Pitch (Mineral Colloid Type)" when tested according to ASTM D2939. ACTION PAVE<sup>®</sup> LP CLASSIC can be used as the base material for meeting testing requirements of ASTM D4866, D6945 and D6946.

**Test**

Uniformity

Wet Film Continuity

Resistance to Freezing

Density, 25 °C (77 °F)

Residue by Evaporation

Water Content

Resistance to Volatilization

Solubility of Residue in CS<sub>2</sub>

Ash Content of Residue

Drying time, firm set

Resistance to Heat

Resistance to Kerosene

Resistance to Water

Flexibility

Impact Resistance

**ASTM D5727 and**

**Fed R-P-355e Spec. Limits**

No Separation, coagulation, or settlement that cannot be overcome by moderate stirring

Uniform homogeneous consistency

Return to homogeneous when stirred

1.2 g/ml (10 lbs./gal) minimum

47% minimum

53% maximum

10% maximum

20% minimum

30-40%

8 h maximum

No blistering, sagging, slipping

No adhesion loss, penetration, or film softening

No adhesion loss, blistering, or re-emulsification

No flaking, cracking, or adhesion loss

No chipping, flaking, cracking, or adhesion loss more than 6.4 mm (1/4 inch) beyond the periphery of the impact

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**MIX DESIGN RECOMMENDATIONS**

ACTION PAVE<sup>®</sup> LP CLASSIC is supplied in concentrated form that is field mixed with water and sand prior to installation. Polymer additives may also be used to improve durability. Recommended application consists of using 2 coats in low and moderate traffic areas and using 3 coats in heavy traffic areas. Recommended mixture ranges and application rates are as follows:

USE AREA	COAT	ACTION PAVE <sup>®</sup> LP CLASSIC (Gallons)	WATER <sup>(1)</sup> (Gallons)	SAND <sup>(2)</sup> (Pounds)	POLYMER <sup>(3)</sup> (Gallons)	APPLICATION RATE (Gallons/ Square yard)
LOW TRAFFIC- home driveways, Parking lots, walkways, bike paths	1 <sup>st</sup>	100	30-40	200-300	0-3	0.15-0.20
	2 <sup>nd</sup>	100	25-40	0-300	0-3	0.10-0.15
MODERATE TRAFFIC-airfields, Highway shoulders, gas stations	1 <sup>st</sup>	100	30-50	300-500	0-4	0.15-0.20
	2 <sup>nd</sup>	100	30-50	0-500	0-4	0.10-0.15
HEAVY TRAFFIC – Airfield taxiways, malls, Commercial parking lots, service plazas	1 <sup>st</sup>	100	30-60	400-600	0-5	0.15-0.20
	2 <sup>nd</sup>	100	30-60	400-600	0-5	0.15-0.20
	3 <sup>rd</sup>	100	30-40	0-500	0-4	0.10-0.15

**NOTES:**

1. Water shall be clean and potable
2. Sand shall be clean, angular quartz or slag sand meeting AFS 50-70 gradation, or equivalent
3. Polymer shall be Macro-Flex, Max-Dri, Advantage 4 or equivalent

**IMPORTANT WEATHER LIMITATIONS FOR APPLICATION**

- Surface and air temperature should be a minimum of 50 °F (10 °C) and rising.
- Do not apply on rainy, foggy, or extremely humid days, or when rain is in the forecast within 24 hours.
- If the pavement temperature is over 100 °F (38 °C) dampen the pavement with a fine mist of water to facilitate even spreading. Do not allow water to puddle on the surface

**APPLICATION TOOLS**

Use conventional tools including brush, rubber squeegee or spray rig. Clean up using water. Do not discard washings in bodies of water or down sewer drains. Clean dried sealer on tools using wire brushing, scraping, and peeling.

**INSTALLATION:**

Prior to use, user must read and follow Installation Instructions for ACTION PAVE<sup>®</sup> LP CLASSIC to verify product selection, pavement preparation procedures, mixing, application rates, usage precautions and safety procedures. General guidelines are as follows: Preparatory Work — The asphalt surface must be structurally sound, surface cured, and free from all loose or foreign matter prior to the application of ACTION PAVE<sup>®</sup> LP CLASSIC. ACTION PAVE<sup>®</sup> LP CLASSIC can be applied by spray, rubber-bladed squeegee, brush, or mechanical equipment specifically designed for this purpose. Due to the heavy bodied nature of the slurry-mixed ACTION PAVE<sup>®</sup> LP CLASSIC, application by means of specialized equipment is recommended. This equipment can be of two types, high volume positive displacement airless spray 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.

**CURING TIME**

Cure time will vary according to temperature and humidity at the time of application. Insufficiently cured films wear prematurely. Lower temperatures, high humidity and lack of direct sunlight will prolong the cure time. Higher temperatures, lower humidity and direct sunlight accelerate the cure process. If a second coat is to be applied, allow the first coat to dry sufficiently to withstand light vehicular and pedestrian traffic without damaging or scuffing the coating. After the application of the last coat, allow the coating to cure at least 20-24 hours under good drying conditions prior to opening to traffic.

**SPECIAL INSTRUCTIONS**

ACTION PAVE<sup>®</sup> LP CLASSIC must be applied on structurally sound pavement surfaces. Apply only on unsealed asphalt or surfaces previously sealed with either Asphalt Emulsion or Refined Tar based Sealers. Do not apply over surfaces sealed with gilsonite and other solvent-based sealers. New asphalt pavements must be allowed to cure at least 90 days in hot weather. Perform a water break free test to confirm that the surface oils have dissipated. Spread water on the pavement, and if the water does not bead, pavement is ready for sealcoating. Not recommended for steeply inclined surfaces, as they may become slippery when wet.

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## CAUTIONS

KEEP FROM FREEZING / KEEP OUT OF REACH OF CHILDREN

Keep stored containers sealed tightly.

Wear gloves and protective clothing. In case of contact, flush skin, or eyes immediately with fresh water. If the product gets in the mouth or eyes, see a physician immediately. Consult the Safety Data Sheet for details.

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## PACKAGING AND AVAILABILITY

55-gallon drums & 275-gallon plastic totes, and bulk sold by the gallon.

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## WARRANTY

ACTION PAVE<sup>®</sup> LP CLASSIC is warranted by the manufacturer to meet specification requirements at time of shipment. Techniques used for pavement preparation prior to sealer application are beyond manufacturer control as are use and application of sealer; therefore, the manufacturer shall not be responsible for improperly applied or misused sealer. Remedies against the manufacturer are limited to replacing nonconforming product or refund (full or partial) of purchase price. All claims for breach of this warranty must be made within three (3) months of delivery date. There shall be no other warranties expressed or implied. **For optimum performance, follow recommendations for sealer installation.**