

READ BEFORE USING THIS PRODUCT

GENERAL Description: ACTION PAVE[®] LP PRO is a professional-grade, resin emulsion (water based) concentrate sealer for jobs that demand outstanding performance. ACTION PAVE[®] LP PRO is part of a new generation of pavement sealers that are high-performance, effective alternatives to both refined coal tar and asphalt emulsion sealers. ACTION PAVE[®] LP PRO will perform to the standards you have come to expect from the entire family of CRAFCO sealers. CRAFCO's formulations use only the highest quality raw materials and carefully selected grades of petroleum resins, minerals, specialty additives and performance boosters. ACTION PAVE[®] LP PRO has a higher degree of toughness and water repellency. ACTION PAVE[®] LP PRO forms a tough, durable and flexible coating that protects asphalt pavements from the damaging elements of weather, water penetration, de-icing salts, traffic, surface raveling/checking, gasoline and other petrochemical contaminations. ACTION PAVE[®] LP PRO 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[®] LP PRO is available in a variety of forms including concentrate, ready mix, sand mix & sand ready mix. ACTION PAVE[®] LP PRO should be selected by contractors or property owners who want improved properties in the sealer. VOC ≤ 50 g/L

Outstanding Properties

- Comparable to refined tar sealers in toughness, overall durability and application procedure.
- Fortified with tough, performance-boosting polymers. Generally, no other additives are needed.
- Color Stability - Similar to refined tar sealers, unlike asphalt emulsion (AE), which have a tendency to fade with aging.
- Expands the season, i.e. early spring to late fall, significantly longer than AE sealers.
- More economical than asphalt-based sealers. Allows higher dilution rates with water, in mix designs
- Water-based, easy to apply, handle and store.
- Non-burning, non-irritating, with insignificant odor.
- Beautifies While It Protects – Dries to an appealing dark charcoal color that enhances the value of the property. Snow removal becomes easier and traffic markings last longer.

SPECIFICATION CONFORMANCE: CrafcO's ACTION PAVE[®] LP PRO functionally meets all testing requirements of Federal Specification R-P-355e and ASTM Specification D5727, "Standard Specification for Emulsified Refined Coal Tar (Mineral Colloid Type), and exceeds requirements of ASTM D 3320, "Standard Specification for Emulsified Coal-tar Pitch (Mineral Colloid Type). ACTION PAVE[®] LP PRO Pavement Sealer can be used as the base material for meeting requirements of ASTM D4866, D6945 and D6946.

Test

Uniformity

Wet Film Continuity

Resistance to Freezing

Density, 25C (77F)

Residue by Evaporation

Water Content

Resistance to Volatilization

Solubility of Residue in CS₂

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 lb/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

6.4mm (1/4inch) beyond the periphery of the impact

Recommended Uses

ACTION PAVE[®] LP PRO is recommended for all asphalt pavements: home driveways, commercial parking lots, apartment complexes, restaurants, schools, gas stations, truck terminals, airfields/taxiways/airport shoulders, and many more.

Mix Design Recommendations

ACTION PAVE[®] LP PRO is supplied in concentrated form that is field mixed with water and sand prior to installation. 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® (Gallons)	WATER ⁽¹⁾ (Gallons)	SAND ⁽²⁾ (Pounds)	POLYMER ⁽³⁾ (Gallons)	APPLICATION RATE (Gallons/ Square yard)
LOW TRAFFIC - home driveways, Parking lots, walkways, bike paths	1 st	100	30-40	200-300	0-2	0.15-0.20
	2 nd	100	25-40	0-300	0-2	0.10-0.15
MODERATE TRAFFIC - airfields, Highway shoulders, gas stations	1 st	100	30-50	300-500	0-3	0.15-0.20
	2 nd	100	30-50	0-500	0-3	0.10-0.15
HEAVY TRAFFIC – Airfield taxiways, malls, Commercial parking lots, service plazas	1 st	100	30-60	400-600	0-4	0.15-0.20
	2 nd	100	30-60	400-600	0-4	0.15-0.20
	3 rd	100	30-40	0-500	0-3	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. Polymers have been pre-blended so no additional polymer additives are required for performance. However, if additional polymer is desired it shall be Macro-Flex, Max-Dri, Advantage 4 or equivalent

Important Weather Limitations

- 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° (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: Brush, rubber squeegee, or spray rig.
- Clean up with Water. Do not discard washings in the bodies of water or down sewer drains.
- Dried sealer on tools - wire brush, scrape and peel.

INSTALLATION: Prior to use, user must read and follow Installation Instructions for ACTION PAVE® LP PRO Pavement Sealer 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® LP PRO. ACTION PAVE® LP PRO 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® LP PRO, 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

Apply only on unsealed asphalt or surfaces previously sealed with LP, 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, by spreading water on the pavement. If the water does not bead, pavement is ready for sealcoating. Not recommended for steeply inclined surfaces, as they may become slippery when wet.

Cautions

KEEP FROM FREEZING / KEEP OUT OF REACH OF CHILDREN.

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.

Packaging and Availability

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

WARRANTY: ACTION PAVE® LP PRO 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.**