

**READ BEFORE USING THIS PRODUCT**

**GENERAL Description**

ACTION PAVE<sup>®</sup> RT SUPREME is a premium-grade, refined tar emulsion (water based) sealer concentrate for jobs that demand only the best performance. ACTION PAVE<sup>®</sup> RT SUPREME has the best durability, highest fuel resistance, greatest flexibility, and fastest cure of refined tar emulsions. ACTION PAVE<sup>®</sup> RT SUPREME has the industry's highest degree of toughness and water repellency, unmatched by any competitive sealer. The "Hot Blending" of catalyzed polymer with the refined tar in ACTION PAVE<sup>®</sup> RT SUPREME greatly improves its durability and overall longevity. Superior water repellency is achieved with the use of specialty chemicals that enhance the water resistance of the cured coating. ACTION PAVE<sup>®</sup> RT SUPREME was designed with increased levels polymer and performance-boosting specialty chemicals to deliver unmatched performance. ACTION PAVE<sup>®</sup> RT SUPREME has excellent resistance to gasoline, oil, chemicals and deicing salts. ACTION PAVE<sup>®</sup> RT SUPREME should be used by the contractors who want to set themselves apart as the highest quality contractor in a price competitive market. The property owner should choose ACTION PAVE<sup>®</sup> RT SUPREME for 2x the life of normal sealers resulting in less down time of the parking, cost effectiveness over lifetime of the sealer, and for the most rigorous of traffic conditions. ACTION PAVE<sup>®</sup> RT SUPREME has the highest degree of polymer and specialty chemicals that result in a superior sealer. ACTION PAVE<sup>®</sup> RT SUPREME 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**

- Excellent Durability – ACTION PAVE<sup>®</sup> RT SUPREME is known for its outstanding performance and consistency, properties that are demanded by professionals.
- Industry Leading Longevity – A premium-grade sealer that was designed, tested and proven to outlast any competing sealer in its class.
- Superior Flexibility – Ability to bridge minor surface (non-working) cracks in the pavement to eliminate water penetration and extend the life of asphalt surfaces.
- 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<sup>®</sup> RT SUPREME meets all 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<sup>®</sup> RT SUPREME 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 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 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<sup>®</sup> RT SUPREME 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<sup>®</sup> RT SUPREME 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 APPLICATION RATE	COAT	ACTION PAVE® RT (Gallons)	WATER <sup>(1)</sup> (Gallons)	SAND <sup>(2)</sup> (Pounds)	POLYMER <sup>(3)</sup> (Gallons)	(Gallons/ Square yard)
LOW TRAFFIC - home driveways, Parking lots, walkways, bike paths	1 <sup>st</sup>	100	30-40	200-300	0-1	0.15-0.20
	2 <sup>nd</sup>	100	25-40	0-300	0-1	0.10-0.15
MODERATE TRAFFIC - airfields, Highway shoulders, gas stations	1 <sup>st</sup>	100	30-50	300-500	0-2	0.15-0.20
	2 <sup>nd</sup>	100	30-50	0-500	0-2	0.10-0.15
HEAVY TRAFFIC - Airfield taxiways, malls, Commercial parking lots, service plazas	1 <sup>st</sup>	100	30-60	400-600	0-3	0.15-0.20
	2 <sup>nd</sup>	100	30-60	400-600	0-3	0.15-0.20
	3 <sup>rd</sup>	100	30-40	0-500	0-2	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® RT SUPREME 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® RT SUPREME. ACTION PAVE® RT SUPREME 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® RT SUPREME, 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. 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.

**Cautions**

KEEP FROM FREEZING / KEEP OUT OF REACH OF CHILDREN  
 Contains REFINED COAL TAR. May cause skin irritation. 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 a Safety Data Sheet for details.

**Packaging and Availability**

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

**WARRANTY:** ACTION PAVE® RT SUPREME 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.**