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www.crafco.com

PART NO. 11913P

FEBRUARY 2022

READ BEFORE USING THIS PRODUCT

GENERAL DESCRIPTION

ACTION PAVE[®] RT PRO is a professional-grade, refined coal tar emulsion (water based) concentrate sealer for jobs that demand outstanding performance. ACTION PAVE[®] RT PRO has a higher degree of toughness and water repellency compared to standard grade emulsion sealer. ACTION PAVE[®] RT PRO is a premium grade of sealer with advantages of polymer addition and specialty chemicals. "Hot Blending" of catalyzed polymer with the refined tar in ACTION PAVE[®] RT PRO greatly improves its durability and overall longevity. Polymers have been pre-blended, so no additional polymer additives are required for performance. Superior water repellency is achieved with the use of specialty chemicals that enhance the water resistance of the cured coating. ACTION PAVE[®] RT PRO has outstanding resistance to gasoline, oil, chemicals, and de-icing salts. The combination of state-of-the-art technology in manufacturing and raw material selection translates into the following outstanding properties Compared to standard grade sealcoats, ACTION PAVE[®] RT PRO will last longer, dry faster, have greater fuel resistance and flexibility. ACTION PAVE[®] RT PRO is available in a variety of forms including concentrate, ready mix, sand mix & sand ready mix. ACTION PAVE[®] RT PRO should be selected by contractors or property owners who want improved properties in the sealer. VOC ≤ 50 g/L

OUTSTANDING PROPERTIES

- Outstanding Durability – ACTION PAVE[®] RT PRO is known for its performance and consistency, properties demanded by professionals.
- Industry Leading Longevity – A professional-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[®] RT PRO 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 D3320, "Standard Specification for Emulsified Coal-tar Pitch (Mineral Colloid Type). ACTION PAVE[®] RT PRO 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, 25 °C (77 °F)

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 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

RECOMMENDED USES

ACTION PAVE[®] RT 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[®] 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 [®] RT PRO (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 °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: 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 PRO 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 PRO. ACTION PAVE[®] RT 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[®] RT 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.

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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. Spreading 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 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[®] RT 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.**