

**READ BEFORE USING THIS PRODUCT**

**GENERAL** Crafc Action Pave LP Pavement Sealers are a coal-tar free, environmentally conscious alternative to refined tar sealers. They are based on a Petroleum resin, resulting in a Low-PAH (Polycyclic Aromatic Hydrocarbon) content. Action Pave LP sealers functionally meet Federal and FAA specifications. Action Pave LP Pavement Sealers are tough, durable, flexible emulsion coatings for asphalt concrete pavement surfaces. Action Pave LP Pavement Sealers protect asphalt pavement surfaces from oxidation and are resistant to de-icing chemicals. Action Pave LP Pavement Sealers provide a renewed surface with a uniform, deep black color. Action Pave LP Pavement Sealers can be used to protect and renew all asphalt surfaces, including parking lots; driveways; bridge decks; airfields; taxiways; golf, bike, and walking paths; and commercial and retail parking lots and drives. Action Pave LP Pavement Sealers protect and preserve the pavement with an application of a tough, durable, quality surface that fills narrow cracks and small voids to seal the surface from the damaging aging effects of heat, sun, and water. Action Pave LP Pavement Sealers are mixed on the job with appropriate sand and water to provide proper application consistency, skid resistance, and wear resistance. Rubber latex additives may be field-mixed with Action Pave LP for quicker set time and improved durability. Mixed Action Pave LP Pavement Sealer is applied to cleaned and prepared asphalt concrete pavement surfaces by hand using a squeegee, followed by brushing, or by an appropriate squeegee/spray application machine. Two or three coats, with required drying time between coats, are used to provide the desired level of protection and durability.

**SURFACE PREPARATION** Clean the surface thoroughly to remove all foreign debris (dirt, gravel, silt, etc.) using air blowers or by flushing with water. Embedded dirt and silt shall be removed with steel bristle hand brooms. Remove dirt and debris from site, being careful to avoid upsetting existing landscaping and accumulating dirt in grass along asphalt areas.

**GREASE AND OIL SPOTS** Treat all grease and oil spots by scraping off excess oil and dirt with a wire bristle and coat with an oil spot primer. Oil spot primer or recommendations are available from CRAFCO SUPPLY CENTERS. The oil spot primer is supplied as a concentrate and should be diluted 2 parts water to 1 part primer. The primer shall be applied using brush or garden sprayer covering the oil spot and at least 2 inches of the asphalt surrounding the oil spot.

**POTHoles** Repair potholes and damaged asphalt areas. Install cold patch or hot applied mastic material to minor potholes. Repair heavily damaged areas using a full-depth asphalt repair. Saw cut and remove damaged asphalt. Repair base if necessary. Install asphalt mix and ensure proper compaction. HP patch is available from CRAFCO SUPPLY CENTERS.

**CRACK SEALING** Seal all cracks greater than 1/16 inch in width. Manufacturer installation instructions shall be followed for crack preparation, routing if required, overbanding, and application. Sealant choice is based on climate conditions and type of project. Contact your CRAFCO SUPPLY CENTER or Crafc representative for specific applications.

**PAVEMENT SEALER MIX DESIGN** The recommended mix design for Action Pave LP Pavement Sealers is to be diluted with clean, potable water by volume and pounds of clean silica sand. The sand shall be clean and free from clay, salt, and organic matter and have the average size between 50 and 70 mesh, a maximum of 2% retained on the 30 mesh and a maximum of 0.3% passing the 200 mesh. The appropriate sand and recommendations are available from CRAFCO SUPPLY CENTERS.

The table below lists the Action Pave LP products and recommended mix designs:

Product	Pavement Sealer (gallons)	Water (gallons)	Sand (Pounds)	Latex (Gallons)
Action Pave LP	100	30 – 35	200 – 500	0 – 5
Action Pave LP Pro	100	30 – 40	200 – 500	0 – 1
Action Pave LP Supreme	100	30 – 40	200 – 500	0 – 1
Action Pave LP Aviator	100	As Specified	As Specified	As Specified

In heavy traffic areas, the sand can be increased to 400 – 600 pounds and the latex to 5 gallons per 100 gallons of sealer. A third coat may be required in certain circumstances.

**Sand Slurry Preparation** Add the required amount of water to the sealer and mix thoroughly with mechanical agitation. Keep the agitator running at a moderate rate and add the sand in a steady stream of about 100 pounds per minute. Mix the material for 10 minutes. If the mixer is shut off for more than 10 minutes, such as on transport to the job site, mix 10 minutes before application can begin.

**INSTALLATION** Action Pave LP shall be applied in two coats in temperatures above 50°F. The first coat will be 0.10 – 0.12 gallons per square yard, and the second coat will be 0.06 – 0.08 gal./sq. yd. to achieve a 0.18 – 0.20 gal/sq. yd. coating thickness based on undiluted material. Coat the edges of the area first to trim the area. Pour a continuous ribbon of Action Pave LP along the pavement edge 6 – 12 inches from curbing. Draw Action Pave LP mix away from the pavement edge by pulling a squeegee or brush perpendicular through the ribbon of material at a slight angle. Walk parallel to the pavement edge. Repeat the process in reverse direction, pulling the excess material toward the center of the pavement. Apply sealer over the remaining area using either a squeegee or a self-propelled machine that squeegees and brushes the sealer into the pores of the pavement. Allow the first coat to dry sufficiently to take light traffic scuffing. It will take 2-6 hours depending on drying conditions. After trimming for the second coat, use a machine with spray wand or spray bar apparatus that deposits the material according to the coverage rates recommended. The spray application will take out any squeegee marks and give a uniform appearance. The completed application shall be allowed to cure at least for 24 hours and then tested for trafficability prior to opening for regular use. Quantities of the material will vary according to porosity and texture of the pavement.

**CAUTIONS** If the pavement temperature is above 90°F, use a fog bar to pre-dampen the pavement. Do not apply refined tar sealers over asphalt or gilsonite pavement sealers. Action Pave LP Pavement Sealers are not recommended for steeply sloped surfaces.

**STORAGE** Action Pave LP Pavement Sealer is supplied in bulk. Protect Action Pave LP Pavement Sealer from freezing.

**SAFETY PRECAUTIONS** It is essential that operations be conducted safely. All personnel need to be aware of hazards of using refined tar products. Before use, the crew should read and understand product use and safety information on the Safety Data Sheet. Safety precautions should include:

1. Personal protective clothing
2. Careful operation of the application equipment
3. Traffic and pedestrian control measures that meet or exceed MUTCD requirements
4. Appropriate cleanup of excessive applications or product spills

**ADDITIONAL INFORMATION** Additional information regarding these products is available by contacting your distributor or Crafc0, Inc. This information includes:

1. Product Data Sheets
2. Safety Data Sheets