

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 Crafco SuperSeal Pavement Sealers are tough, durable, flexible emulsion coatings for asphalt concrete pavement surfaces. SuperSeal Pavement Sealers protect asphalt pavement surfaces from oxidation and are resistant to de-icing chemicals. SuperSeal Pavement Sealers provide a renewed surface with a uniform deep black color. SuperSeal 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. SuperSeal 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. SuperSeal 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 SuperSeal 355 for quicker set time and improved durability. Mixed SuperSeal 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 the excess oil and dirt away with a wire bristle and coat with an oil spot primer. Oil spot primer or recommendations are available from PMSI distributorships. The oil spot primer is supplied as a concentrate and should be diluted 2 parts water to one part primer. The primer shall be applied using brush or garden sprayer covering the oil spot and at least two 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.

CRACKSEALING 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 PMSI or Crafco representative for specific applications.

PAVEMENT SEALER MIX DESIGN The SuperSeal pavement sealer recommended mix design for SuperSeal 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 PMSI distributorships.

The table below lists the SuperSeal Products and recommended mix designs

Product	Pavement Sealer (gallons)	Water (gallons)	Sand (Pounds)	Latex (Gallons)
SuperSeal 355	100	25 - 30	200 - 300	0 - 3
SuperSeal 355+	100	25 - 30	200 - 300	0
SuperSeal 631	100	25 - 30	200 - 300	0
SuperSeal AE	100	20	200 - 300	0

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 Superseal shall be applied in two coats in temperatures over 50°F. The first coat will be 0.10 – 0.12 gal./sq. yd. and the second coat will be 0.06 – 0.08 gal./sq. yd. to achieve a 0.18 – 0.20 g/sq. yd. coating thickness based on undiluted material.

Coat the edges of the area first to trim the area. Pour a continuous ribbon of SuperSeal along the pavement edge 6 – 12 inches from curbing. Draw SuperSeal 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 machine with spray wand or spray bar apparatus that deposits the material according 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 over 90°F, use a fog bar to be pre-dampen the pavement. Do not apply refined tar sealers over asphalt or gilsonite pavement sealers. SuperSeal Pavement Sealer is not recommended for steeply sloped surfaces.

STORAGE SuperSeal Pavement Sealer is supplied in bulk. Protect SuperSeal Pavement Sealer from freezing.

SAFETY PRECAUTIONS It is essential that operations be conducted safely. All personal 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 SDS. Safety precautions should include

1. Personal protective clothing
2. Careful operation of the application equipment
3. Traffic and pedestrian control measures which 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