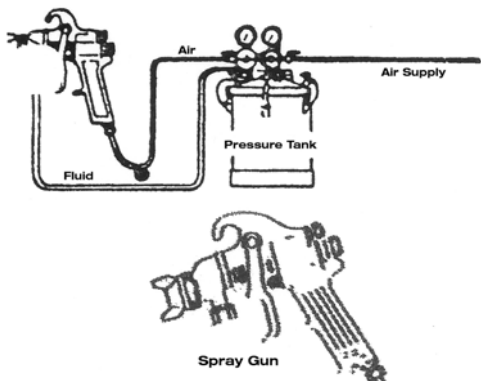




# SPRAY APPLICATION SYSTEMS

## EQUIPMENT:



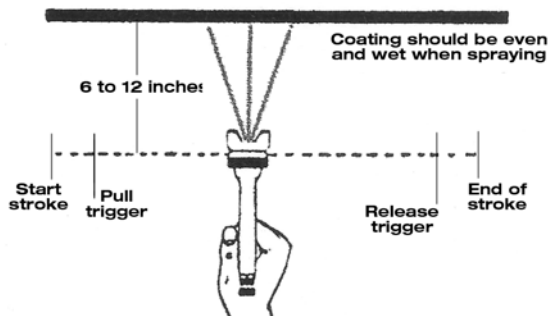
**Pressure Tank:** For conventional air spray only. **Do not attempt to apply D.G.K. Antiskid Coating with Airless Equipment:** A pressure cup or pressure tank is necessary to apply D.G.K. Antiskid Coating. For professionals we recommend a two (2) gallon pressure tank, BINKS model 83-5668.

**Spray Guns:** Most production spray guns can spray D.G.K. Antiskid Coatings, if the gun has been set up properly. We recommend a BINKS model 18, or model 2001. For non-skid finishes both guns should be set up with a 0.070 or #66 fluid nozzle and needle, and a 66SK air cap or 67SK air cap. For sealers, lacquers and varnishes, a 0.046 or #63B fluid tip and needle should be used. The air cap will remain the same. Tip extensions are available so deck spraying can be accomplished from a standing position. Sizes vary from 6" to 84". Call your BINKS distributor for more information.

**Supply Hose:** A good quality air and fluid hose should be used for best performance at 6 to 8 feet for small tanks and 15 to 50 feet for larger systems.

**Compressor:** An air compressor delivering 12 c.f. per minute or better will be needed regulate the compressor between 40-50 lbs. for your use. To keep from wasting material, test spray with water on concrete to make air pressure adjustments if necessary.

**Spray:** Mix the D.G.K. Antiskid Coating according to the information under MIXING. If you want a low build system, apply a tack coat 2-3 mills, let stand 10-20 minutes and then apply a full wet coat 34 mills thick, (total dry film 5-8 mills). If you want a high build, apply the first coat 3-4 mills and the second coat 5-6 mills thick (total dry film 6-8 mills). After the second coat dries, apply one coat of D.G.K. PU 301 Sealer.



**Gun Handling:** The first requirement for a good resultant finish is the proper handling of the gun. The gun should be held perpendicular to the surface being covered, and moved parallel with it. The stroke should be started before the trigger is pulled and the trigger should be released before the stroke is ended. This gives accurate control to the gun and material.

The distance between gun and surface should be 6 to 12 inches depending on material and atomizing pressure. The material deposited should always be even and wet. Lap each stroke over the preceding stroke to obtain a uniform finish.

## Note:

1. To reduce overspray and obtain maximum efficiency, always spray with the lowest possible atomizing air pressure.
2. If you see that some sand is not adhering to the surface, the pressure is set too high. Reduce the pressure.
3. If the coating looks dry on the surface during application, check the following:
  - a) high pressure to the gun, reduce the pressure.
  - b) holding the gun far away from the surface, lower gun to 6-12" from the surface.
  - c) the surface is too hot and the coating cures too quickly continue spraying.
4. In order to control the fluid to the gun, adjust the pressure to the pot. We recommend the use of 18-20 lbs. pressure for spraying D.G.K. Antiskid Coating. Adjust fluid pressure according to your needs.

## CAUTION:

If the cup is accidentally tipped over or held at too great an angle, fluid will load up the underside of cup cover and leak into regulator. In the event this happens, the gun will stop spraying, clean immediately.

## CLEANING PRESSURE TANK:

Shut off air supply to tank and release pressure on tank. Open vent and loosen air nozzle. Hold a piece of cloth over the air nozzle and squeeze trigger. Air will backup through fluid nozzle and force fluid out of hose into tank. Next, put enough thinner into tank to wash hose and gun thoroughly. Spray thinner through the gun until it is clean. Attach fluid hose to air line and blow it out thoroughly to remove all traces of materials and to dry it.

## INFORMATION:

1. D.G.K. Antiskid Coating can be applied indoors. We recommend 2-3 coats of D.G.K. PU 301 Sealer, (sealer must dry between coats), for easier clean up with sponge or mop.
2. In some areas if you feel the grit is too rough after the second coat dries, lightly sand with 80-100 sandpaper, air clean and apply 1-2 coats of D.G.K. PU 301 Sealer.