

D.G.K. ANTISKID COATING



SPECIFICATIONS

Product Description: D.G.K. Antiskid Coating is a revolutionary new non skid polyurethane type, two component, pre-measured, pre-mixed coating which gives the opportunity for the consumer (do-it-yourself or professionals), to easily mix and apply on any surface.

D.G.K. Antiskid Coating is the only high quality polyurethane coating on the market today with pre-mixed color and many different sizes of silicas and, that has universal viscosity which allows it to be sprayed, brushed, or rolled. D.G.K. Antiskid Coating is a highly washable product, has a non-glare matte finish, and lasts over 5 years under normal use.

Use: Ship and boat decks, ladders, ramps, stairways, airplanes, R.V.'s, docks (wood or aluminum), pool decks, garage floors also industrial and residential use, etc. Suitable for exterior and interior use.

Finish: Flat. It sealed with D.G.K. PU301 Sealer, it will prolong life and, produce a satin sheen.

Package Size: Gallons

PRODUCT STATISTICS

Spread Rate: Brush, 2 coats per gallon set, 78-97 s.f.

Spray, per gallon set: Low build, 97-117 sf.; High build, 70-78 s.f.

Drying Time: 1st coat, 1-2 hours 2nd coat. 3-5 hours. Hardens in 12 hours and is fully cured in 3-7 days in 68°F (20°C). Less waiting time in higher temperatures.

Dry Film Thickness: 1st coat, 2-3 mills. and 2nd coat, 4-5 mills. Total film; 6-8 mills.

Pot Life: After mixing the 2 components, D.G.K. Antiskid Coating starts to dry after 6 hrs. in 68°F (20°C) and earlier in higher temperatures.

Shelf Life: 3 years or longer in 77°F (25°C).

Re-Application: When re-application is needed, clean the surface with detergent and water using a hard brush and rinse with water, let dry completely, and then apply D.G.K. Antiskid Coating or D.G.K. PU301 Sealer, following directions.

Thinning: D.G.K. Thinner 120 **ONLY:** 15 oz. for a gal. set. D.G.K. Antiskid Coating has the same viscosity for any application.

Clean Up: Xylene, lacquer thinner.

Prolong Life of Mixed Product: if you first seal the can, cover properly, and store in a freezer, you will succeed in prolonging the life of the mixed Antiskid up to a week, if it was exposed to air for less than an hour.

SPECIAL CHARACTERISTICS

- Can be used by professionals.
- Can be used by do-it-yourself.
- Brushes or rolls freely.
- Can be sprayed.
- Full system can be applied in one day.
- Film stays tough and flexible even after prolonged exposure to marine use.
- Is resistant to water, sea water and oil
- Flammability: None.
- Combustibility: Self-extinguishing.
- Flexibility: No cracking.
- All pre-measured components, complete with grit and color in A Component.
- Excellent color retention.
- The same mix, one viscosity for all uses.
- Can be applied indoors.
- Dries in 1 hour in 72 degrees Fahrenheit.
- Many size silica sand.
- Very easy to re-coat, or touch up.
- Complies with MIL-W-5044, and exceeds these in several characteristics.
- MIL-W-5044 requires 168 hours of accelerated weather testing. We proceeded to 1000 hours of accelerated weather testing with no loss of adhesion or discoloration. (1000 hours is equal to 3 years and 4 months of outdoor exposure).

SPECIFICATIONS:

D.G.K. Antiskid Coating, can be applied to any properly prepared surface, such as fiberglass, primed or painted steel, painted wood, concrete, or aluminum sealed with 2 component wash primer (primer must be applied by spray).



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MIXING

Add B Component of D.G.K. Antiskid Coating into the A Component and mix thoroughly. Add 15 oz. of D.G.K. Thinner 120 per gallon set. Mix well until mixture becomes uniform. For spray application mix well. We recommend the use of a plastic paint mixer on the electric drill, **and strain the product with standard size window screen to avoid any blockage to the gun.** As the product is being used, if more D.G.K. Thinner 120 is required, add in small amounts. This product must be stirred every 5-10 minutes.

CAUTION:

Do not open B Component until ready to be mixed. The B Component must be clear. If it has a milky appearance, contact your dealer for a replacement.

SURFACE PREPARATION

UNPAINTED SURFACES:

Fiberglass: Degrease, wet-wash, dry, sand until a matte surface is obtained.

Wood: Sand surface well. Remove mildew and dust, then prime with D.G.K. PU301, using 2-3 coats, until it seals leaving a shiny surface.

Concrete: Clean surface from dirt and dust. Prime with D.G.K. PU301, using 1-3 coats, according to porosity until it seals leaving a shiny surface.

Metal: Degrease and remove all rust from surface. Immediately apply 1-2 coats of rust-proof water coating. Allow 10 days to dry if an alkyd base is used. When spraying on metal, use lower atomizing air pressure so that the Antiskid will be applied even and wet.

Polyethylene: Before applying Antiskid, surface must be fire-oxidized (propane gas).

Aluminum: Seal with 2 component wash primer (primer must be applied by spray). On our samples we use Sherwin Williams Wash Primer. P60 G2 (1 part) also catalyst reducer, R7 K44 (1 ½ parts).

NOTE: Wash primer must be stirred thoroughly just before mixing.

Any Smooth Surface: Roughen surface very well with appropriate electric tools, and clean surface well.

PAINTED SURFACES:

Remove all loose and peeling paint and lightly sand surface. For porous surfaces you will need to seal the unpainted area with D.G.K. PU301 Sealer. Do not use paint remover on porous surfaces.

Fiberglass surface that has been coated with an Alkyd oil base enamel or latex type enamel must be removed before applying D.G.K. Antiskid Coating systems, as they do not adhere to Fiberglass.

If surface is coated with a polyurethane or an epoxy base, degrease, wet-wash, dry, sand until matte surface is obtained, and proceed with application.

CAUTION:

Any surface newly painted with Alkyd oil base paint, must wait 10 days, so thinner in paint can evaporate from paint film and fully cure or harden.

APPLICATION

Brush Application: Prepare surface as per instructions. Thin material with 4 oz. of D.G.K. Thinner 120 for a liter set and 15 oz. for a gal. set, stir well until mixture becomes uniform. **When applying the coating by brush (any quality brush), you must dip the brush into the coating keeping in mind that you are not to remove the excess coating. Keep the brush fully saturated. Make sure that you do not put too much pressure on the brush, as the silica sand will not stay in place, and will not result in a uniform application. DO NOT OVER BRUSH. Brush lightly with short even strokes. Do not go over the painted area until completely dry.** When applying first coat you may see some areas that do not seem to be covered properly. **Do not try to fix them at this time.** During the second coat these areas will be covered properly. You must wait a minimum of 1-2 hours between the first and second coat in 77°F (25°C) temperature, and less waiting time in higher temperatures. You must remember to stir D.G.K. Antiskid Coating often during use. During the time between the first and second coat, close the can and place it in a cooler area. If a longer time between coats is needed, place the can in the refrigerator.

Roller Application: Use a felt nap roller 4" and thin paint with 18 oz. D.G.K. Thinner 120 for a gallon set. Standard roller pans with a ribbed or rough surface will create an uneven distribution of non-skid particles. We therefore recommend using a smooth surface pan to thoroughly saturate the roller and remove excess paint. By fitting a piece of thin panel board inside the pan, we create a smooth surface. Pour mix material into pan, keeping material stirred at all times. **It is very important** that you dip roller into pan and then work roller on panel board insert. Dip again and repeat this procedure 3-4 times to create an even paint consistency on the roller. Now you are ready to apply material on surface to be painted. A bucket may be used instead of a roller pan. The surface must be smooth and even for roller application.



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PRECAUTIONS

Do Not Use If You Have A
Chronic Lung, Breathing Disease,
Or Have Respiratory Problems

- Contains Aliphatic and Aromatic Hydrocarbons.
- Flammable.
- Keep away from heat and flame.
- Avoid breathing vapors for prolonged periods of time without a spray mask
- Always use adequate ventilation.
- Avoid contact with eyes and skin.
- Keep container tightly closed.

**USE IN WELL VENTILATED AREAS
D.G.K. PELLACHROM & SAFETY SKID CANNOT BE RESPONSIBLE
FOR ANY LIABILITIES RESULTING FROM THE MISUSE OF ITS PRODUCTS.
Keep Out Of The Reach Of Children**

FIRST AID

- **Skin Contact:** Wash immediately with soap and water
- **Eye Contact:** Flush immediately with plenty of water for 15 minutes, call a physician.
- **Breathing of Vapor:** Move to fresh air. If breathing difficulty occurs or persists, consult a physician and have label information available.
- **If Swallowed:** Call a physician immediately. Do not induce vomiting.
- **Fire:** Extinguish with dry chemicals for solvent type materials.

TECHNICAL DATA

Component A: Xylene Ethylene Glycolacetate Resin, Silicas, and colorant.

Component B: Aliphatic Polyisocyanate Xylene and Aromatic Hydrocarbons

Thinner 120: Xylene and Aromatic Hydrocarbons and Ethylene Glycolacetate.