

SG SHIMRIN® GRAPHIC KOLORS & BC25 & BC26 SOLID COLOR BASES



GENERAL INFORMATION

Shimrin® Graphic Kolors (SG) are universal base coats that may simply be cleared for a final finish, or used as a base coat for KBC Base Coat Kandys or Pearls. Due to their unique chemistry make-up, they may be top coated with either acrylic lacquer or urethane enamel. Once a system is chosen (acrylic lacquer or urethane enamel) use only products within that system. Inter-mixing of these two systems, after the base coat, is not recommended. For example: If Shimrin® Base is top coated with an acrylic lacquer Kandy, it must also be cleared with an acrylic lacquer clear.



1. SUBSTRATE

- Ko-Seal® II
- SG100 Intercoat Clear (artwork only)
- Properly cured top coat clears and OEM finishes (artwork only)



2. PREPARATION

Read 'TECH PREP' thoroughly before you begin painting. Shimrin® bases are susceptible to staining or bleeding from plastic fillers, putties, fiberglass resins and some primers. To prevent staining, strip bare (or to OEM primer) and prime with our KP2CF Chromate Free Kwikure Epoxy Primer or our KD2000 Direct To Metal Epoxy Primer. **See tech sheets for more information on KP & KD Primers.**



3. GROUND COAT

- KS10, KS210 Sealer for light shaded bases
- KS11, KS211 Sealer for dark shaded bases
- BC25, BC26 under artwork only

VEHICLE MUST BE ONE EVEN COLOR BEFORE APPLICATION OF BASE COAT. Sealers are commonly used as a ground coat for Shimrin® Solid Color Bases. Use a House of Kolor® sealer closest to the base color for faster coverage of base coats. When using sealer, allow flash time. **See tech sheet for information on sealers.**

NOTE: Sealer is not a cure-all for poor preparation and does not prevent discoloration or bleeding.



4. SANDING THE SUBSTRATE

- Ko-Seal® II (see tech page on Ko-Seal® II)
- SG100, Cured Top Coat Clears & OEM Finishes (artwork only)
- Dry Sandpaper = 280P to 320P grit (CAMI grade = 240 to 280 grit)
- Wet Sandpaper = 400 to 500 grit (FEPA grade 600P to 800P grit)
- Maroon scuff pad



5. COMPONENTS

- Shimrin® base coat
- RU310 (fast), RU311 (medium) urethane reducer,
- Air Brush application: RU311 (medium) RU312 (slow)



6. MIXING SHIMRIN® GRAPHIC KOLOR (SG) & SOLID COLORS (BC25 & BC26)

- 2 parts Shimrin® base coat
- 1 part RU- reducer
- Air Brush Application: 1 part Shimrin® base, 1 part RU-reducer

Stir Shimrin® Graphic Kolor well. Reduce 50% (2 parts paint to 1 part reducer). Mix well. REDUCE ONLY WITH OUR KOSMIC REDUCERS. Use the reducer best suited to your shop temperature. **See tech sheet for more information on reducers.**

NOTE: Splitting or cracking is possible when using other companies' reducers or by using a reducer that is too slow for your shop conditions

Note: For Air Brush application reduce 100% (1 part paint to 1 part RU-reducer)



7. GUN SET UP

- Conventional Gun = 45 to 55 PSI
- HVLP Gun = 10 PSI at the cap (Refer to spray gun manufacturer's recommendations)
- Needle/Nozzle = 1.3 to 1.5 (Depending on the size of object being painted)
- Trigger Pull = 50% to 75%
- Air Brush = Follow gun manufacturer's recommendations



8. APPLYING SHIMRIN® GRAPHIC KOLOR (SG) & SOLID COLORS (BC25 & BC26)

Strain the paint into the paint gun. Gun distance while spraying should be approximately 6 inches. Apply 2-3 medium coats with 50% pattern overlap. Walk long objects. Allow flash time between coats. Shimrin® Graphic Kolors will dry dull. Allow dry time before Kandy or clear is applied (usually about 15 to 60 minutes and not longer than 4 hours). Artwork may usually be taped after 1 hour of dry time. Dry time may vary based on shop and weather conditions.

SHIMRIN® FLASH TEST - ALL SHIMRIN® BASES WILL DRY DULL AND SHOULD FEEL DRY TO THE TOUCH BEFORE THE NEXT COAT IS APPLIED.

Monitor closely for maximum merging of coats.

NOTE: DO NOT APPLY HEAVY WET COATS OF BC & SG BASES AND EXPECT THEM TO FLOW; THIS WILL TYPICALLY RESULT IN WRINKLING AND SPLITTING.

NOTE: 3 coats of Shimrin® Graphic Kolor equals 1/2 to 3/4 mil, leaving a minimal edge. (Tape pulls away leaving a clean, low edge).

9. ARTWORK & INTERCOAT CLEAR (optional)

Shimrin® Graphic Kolors, with their low solids, are an excellent choice for artwork paint jobs. If artwork is planned, you may tape directly onto the base or apply 1 or 2 medium coats of SG100 Intercoat Clear (for urethane enamel topcoats) or SC01 Sunscreen Clear (for acrylic lacquer topcoats). The clear coat will protect the Shimrin® Base from mistakes. **See tech sheet for more information on SG100 Intercoat Clear.**

NOTE: Use of SG100 Intercoat Clear is not as critical on Shimrin® Graphic Kolors as it is on the Designer Pearls, Metallics and Neons. However, if mistakes occur, it is easy to remove them when Intercoat Clear is used.

NOTE: SG100 Intercoat Clear is designed to protect the base coats for artwork tape-outs and blends only. DO NOT USE SG100 AS A BUILD-UP OR TOPCOAT CLEAR, AS IT IS NOT WEATHER RESISTANT OR DESIGNED TO EXCEED 4 COATS.

CAUTION: Shimrin® Base coats do not have any chemical resistance until cleared. Final wash solvents will remove base coats. Use water or our KC20 for cleanup.

10. CLEAR COAT

ALL SHIMRIN® GRAPHIC KOLORS MUST BE CLEAR-COATED (with either urethane enamel or acrylic lacquer). Once a system is chosen, after the base coat, stay with that system. Always use House of Kolor® clears. We have high amounts of UV Absorber, 2 times more than others for long life of your paint job. **See appropriate tech sheets for more information on clear coat application.**

ADDITIONAL INFORMATION

Shimrin® Graphic Kolors are designed to reduce paint build-up. They feature fast coverage, high pigmentation and low solids. Graphic Kolors are solid colors, but a ground coat will change their tone. The reds and yellows are bright and clean. The maroon and violet are deep and rich. The blues are pure, without green cast. You must spray these colors to believe them (the color card does not do them justice). As with other Shimrin®s, they may be blended into hundreds of color combinations. All Shimrin® Bases may be intermixed for various combinations. The possibilities are endless. Create your own one-of-a-kind custom finish.



11. CLEAN UP

Clean equipment thoroughly with lacquer thinner or urethane reducer (check local regulations).