



## GENERAL INFORMATION

Kandy Base Coats are a mixture of Kandy and select Pearls into a Shimrin® Universal Base Coat that mimics a Kandy finish. They feature low build, fewer coats, are easy to apply, and touch ups are easier than ever. Available in the same great 20 colors as our regular Kandy's. 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. Intermixing of these two systems, after the base coat, is not recommended.

### IMPORTANT INFORMATION ABOUT KBC'S

The following KBC's have a tendency to bleed through art work applied over them. Always use our Bleed Check Sealer SBS10 before any artwork is applied. **See tech sheet for more information on Bleed Check Sealer.** A catalyzed clear coat will NOT stop their tendency to bleed. Multiple applications of clear (2 or more) and careful monitoring of dry times reduces pigment migration into the clear coats.

**The KBC colors that are considered heavy bleeders are: KBC03, KBC05, KBC06, KBC10, and KBC13.**

### IMPORTANT INFORMATION ABOUT KBC18 KANDY BASECOAT PINK

KBC18 Kandy Basecoat Pink has limited light fastness and should only be used on projects that have limited exposure to sunlight. Use with discretion. KBC18 is recommended for show vehicles only.



## 1. SUBSTRATE

- Ko-Seal® II
- All Shimrin® Base Coats



## 2. PREPARATION

Read 'TECH PREP' thoroughly before you begin painting. Please be aware that Shimrin® Kandy Basecoats can be susceptible to staining or bleeding from plastic fillers, putties, fiberglass resins and some primers. To prevent staining, please refer to the tech pages on KP2CF or KD2000 Epoxy Primer Surfacers.

**NOTE:** Many KBC's are bleeders. Therefore, you must apply 2 coats of UC01 Clear or UC35 Kosmic Klear® and allow to dry for 12 hours OR you must apply 2 coats of UFC35 Flo-Klear or UFC19 Urethane Komply Klear® II and allow to dry for 24 hours. Wet sand (PLEASE REFER TO SANDING GRIT RECOMMENDATIONS ON FOR URETHANE CLEARS). Use fast reducer in Shimrin® Basecoats, allow dry time between coats.



## 3. GROUND COAT

- Sealer (Ko-Seal® II)

VEHICLE MUST BE ONE EVEN COLOR BEFORE APPLICATION OF BASE COAT. Sealers may be used as a ground coat. Check out our Ko-Seal® II Sealers, including KS12 Silver Metallic.

**NOTE:** Sealer is not a cure-all for poor preparation and does not prevent discoloration or bleeding. The main purpose of the sealer is to increase adhesion of topcoats, to make the object one color (nearest to the base for faster coverage), and to improve color holdout.

## 4. BASE COLOR

Use KS10, KS210, KS11, KS211, KS12 or KS212 Sealers, BC25 Black, BC26 White, or any of our prescribed Shimrin® bases as shown in our color book as a base color. The color of this base coat will vary the final Kandy color. Lighter bases may show blotching. Follow label instructions. Allow flash time on each coat of color. Don't use a full trigger pull, adjust your gun to a 5" or 6" pattern, 5" to 6" from the gun, and apply using a 75% pattern overlap.



## 5. SANDING THE SUBSTRATE

- Ko-Seal® II (see tech page on Ko-Seal® II)
- SG100 = Maroon Scuff Pad



## 6. MIXING

Stir Shimrin® Base well. Reduce 50% (2 parts paint to 1 part reducer). Mix well and reduce only with RU310, or RU311 reducer, based on booth temperature.

**IMPORTANT NOTE: No catalyst is used in Shimrin® bases.**

REDUCE ONLY WITH OUR KOSMIC REDUCERS. Use the reducer best suited to your shop temperature. **See tech sheet for more information on RU reducers.**

**Note:** For Air Brush application reduce 100% (1 part paint to 1 part RU311 Medium / RU312 Slow Reducer).

When blending, you may slightly over-reduce Shimrin® Bases or mix them with SG100 Intercoat Clear for undetectable blends.

## 7. GUN SET UP

- Conventional Gun = 45 to 55 PSI
- HVLP Gun = 10 PSI at the cap  
(Refer to spray gun manufacturer's recommendations)



## 7. GUN SET UP (continued)

- Needle/Nozzle = 1.3 to 1.5  
(Depending on the size of object being painted)
- Air Brush = Follow gun manufacturer's recommendations.



## 8. APPLYING SHIMRIN® KANDY BASECOATS

After reducing, strain the paint into the paint gun. Gun distance while spraying should be approximately 4 to 6 inches. Apply 3 to 4 medium coats with a 75% pattern overlap. Walk long objects. Avoid dry spraying, as loss of

adhesion is possible. Again, medium coats work best. Allow flash time between coats. Allow dry time before Kandy or clear is applied (usually about 15 to 60 minutes and not longer than 4 hours). Topcoat within 4 hours or apply SG100 Intercoat Clear (see step 6).

**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 KBC BASES AND EXPECT THEM TO FLOW, THIS WILL TYPICALLY RESULT IN WRINKLING AND SPLITTING. They behave very much like lacquer, so apply medium coats only and avoid heavy build. Do not dry spray or lack of adhesion is possible. Apply medium coats, 75% pattern overlap. Flash dull between coats.

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

## 9. ARTWORK & CLEARS (optional)

Shimrin® Kandy Basecoats are an excellent choice for artwork paint jobs. If artwork is planned: after the last coat of Kandy Base Coat has flashed, apply 2 to 3 medium coats of UC01, UC35, UFC19 or UFC35 Clear (for urethane enamel topcoats) or SCO1 Sunscreen Clear (for acrylic lacquer topcoats). The clear coat will protect the Shimrin® Base from tape marks and mistakes.

### IMPORTANT INFORMATION ABOUT KBC'S

The following KBC's have a tendency to bleed through art work applied over them. Always use our Bleed Check Sealer SBS10 before any artwork is applied. **See tech sheet for more information on Bleed Check Sealer.** A catalyzed clear coat will NOT stop their tendency to bleed. **The KBC products are: KBC03, KBC05, KBC06, KBC10, and KBC13.**

For all other KBC's to prevent bleeding of colors applied over Kandy Base Coats, use one of our catalyzed Kosmic or Komply Klears. Let dry 12 hours if UC01 or UC35 is used OR let dry 24 hours if UFC19 or UFC35 is used. Wet sand (PLEASE REFER TO SANDING GRIT RECOMMENDATIONS ON PAGE 59 FOR URETHANE CLEARS) and then proceed with artwork.

## 10. CLEAR COAT

ALL SHIMRIN® KANDY BASECOATS 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. **See tech sheets for more information on clear coat application.**

## ADDITIONAL INFORMATION

Shimrin® Kandy Basecoats may be intermixed for hundreds of color 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).

**NOTE:** KBC's may be intermixed for many one-of-a-kind combinations.