

## GENERAL INFORMATION

Kameleon® Pearls are unique color changing pigments available in 5 dazzling colors and two particle sizes, Standard and Fine. They are supplied in a dry form that may be added to SG100 Intercoat Clear, SG150 Intercoat Pearl & Flake Karrier, SC01 Sunscreen Acrylic Lacquer Clear, House of Kolor® brand urethane clears, or MB00 for dramatic, eye catching art work. Kameleon® Pearls change color based on the viewing angle, so, often different people will see different colors when looking at the same vehicle. When ordering Kameleon® Pearls use the following codes to specify the product you are interested in obtaining:



CODE	DESCRIPTION	CODE	DESCRIPTION
KPF100	GREEN TO BLUE	KPF100SF	FINE GREEN TO BLUE
KPF101	GOLD TO GREEN	KPF101SF	FINE GOLD TO GREEN
KPF102	COPPER RED TO GREEN	KPF102SF	FINE COPPER RED TO GREEN
KPF103	SAPPHIRE	KPF103SF	FINE SAPPHIRE
KPF104	AQUARIUS	KPF104SF	FINE AQUARIUS

### 1. SUBSTRATE

- Ko-Seal® II
- BC25, or Dark Shaded Shimrin® Bases
- Properly prepared OEM finishes



### 2. PREPARATION

Read "TECH PREP" thoroughly before you begin painting. Pearls are very 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 Primers.**



### 3. GROUND COAT:

- Ko-Seal® II
- BC25 or dark shared finishes

Use KS11, KS211 or BC25 as a ground coat for the most dramatic color change effect. The color of the ground coat will vary the amount of coats it will require to obtain the best results. White or light color basecoats will require many coats to achieve coverage. If BC25 cannot be used, use PBC100 or PBC43.

**NOTE:** On large surfaces use BC03 or FBC03 as a basecoat for more even coverage of Kameleon® Pearls.



### 4. MIXING KAMELEON® PEARLS

Add Kameleon® Pearls to mixed clear (ready to spray) and apply over the base coat. Kameleon® Pearls may be added to any of our Kustom or Kosmic Klears including SG100 Intercoat Clear. Use SG100 over Shimrin® Universal Bases or Ko-Seal® II only.

ADD 1–2 TEASPOONS OF KAMELEON® PEARL PER MIXED PINT OF CLEAR.

**NOTE:** When applying pearl over a dark base, do not add too much pearl as mottling or streaking can occur.

Kameleon® Pearls may be intermixed to create custom colors. They can also be added to our Kameleon® Basecoats for novel color effects.

**ALWAYS REDUCE KAMELEON® PEARL MIXES:**



KAMELEON® PEARL - REDUCTION AMOUNTS	
TYPE OF CLEAR	REDUCTION AMOUNT
SC01 Sunscreen Clear	Additional 50 - 100%
UC01 or UC35 Kosmic Klears	Additional 6 oz. per mixed quart
SG100 Intercoat Clear	Additional 50%
SG150 Pearl & Flake Karrier	Additional 50%

### 5. 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



### 6. APPLYING KAMELEON® PEARL

Strain the paint into the paint gun. Apply 3 medium (almost wet) coats with 75% pattern overlap. Gun distance while spraying should be 4-6 inches. Walk long objects. Allow flash time between coats. Avoid dry spraying, as loss of adhesion is possible with pearls. Be sure that your spray equipment and environment are very clean and the spray pattern correct. An uneven spray gun pattern will make proper application impossible. Apply enough coats to achieve the effect you desire. Then begin clear coats.

**NOTE:** When using SG100 or SG150, never apply more than 4 coats. Mix the pearls rich enough to complete the application in 3 or 4 coats.

**NOTE:** ANY KANDY OR ARTWORK APPLIED OVER KAMELEON® PEARLS CAN REDUCE OR COMPLETELY ELIMINATE THE COLOR CHANGE EFFECT. ALWAYS TEST ANY ARTWORK OR KANDY PLANNED ON A TEST PANEL.



### 7. CLEAR COAT

**See appropriate tech sheet for Clear Coat application.**

#### CAUTIONS

Read Cautions and Warnings on all product can labels. Use a recommended respirator when spraying.

KEEP OUT OF REACH OF CHILDREN and do not apply to objects used by children.