

GENERAL INFORMATION

SG150 Intercoat Pearl & Flake Karrier is a base coat clear material that is designed specifically to be used as the carrier for Pearls, Flakes, as well as other dry products offered in the House of Kolor® product line. Due to its unique chemistry, it greatly reduces or eliminates the settling of pearls and flakes after the products are mixed. It also encapsulates the pearls and flake particles, so when sprayed, self orientates, locking them in place, greatly reducing blotching and streaking of the finish. Although the material looks semi-opaque in the can, it dries to water clear finish allowing the brilliance of the pearls & flakes to show through.



1. SUBSTRATE

- Ko-Seal® II
- All Shimrin® Base Coats
- Properly cured and prepared top coat clears and OEM finishes



2. PREPARATION

Read 'TECH PREP' thoroughly before you begin painting. Please be aware that Shimrin® bases 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 KP & KD Epoxy Primers.



3. GROUND COAT

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



4. COMPONENTS

- SG150 Intercoat Pearl & Flake Karrier
- RU310 (fast), RU311 (medium) urethane reducer.
- Pearls, Flakes, & other Dry products
- Air Brush application: RU311 (medium), RU312 (slow)



5. MIXING SG150

- 1 part SG150 Intercoat Pearl & Flake Karrier
- 1 part RU310, RU311 reducer
- (Refer to Tech Sheets on pearls, flakes, & other dry products for mixing ratios)
- Air Brush Application: 1 part Shimrin® base, 1 part RU311, RU312 reducer



NOTE: For some heavy Flakes we suggest decreasing the mixing ratio to 2 parts SG150 to 1 part RU Reducer. This will greatly help the suspension of the mixed flake.

Stir SG150 prior to use, as a separation of ingredients will occur.

• **NOTE:** Use fast drying reducer RU310, or as fast a dry as your conditions allow. For large flakes a slower reducer can improve lay down.

• **NOTE:** SG150 Intercoat Pearl & Flake Karrier is a base coat resin system, DO NOT ADD CATALYST. **See tech sheet for more information on reducers.**

6. 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 1.8
(Depending on the size of object being painted)
- Trigger Pull = 75% to 100%
- Air Brush = Follow gun manufacturer's recommendations



7. APPLYING SG150

Apply 1 to 3 coats of SG150 Intercoat Pearl & Flake Karrier with 75% spray pattern overlap. Gun distance while spraying should be approximately 4 to 6 inches. Do not tape or scuff directly over the SG150. This will discolor the pearl or flake. Allow 15 to 60 minutes flash time between coats. If you intend to do tape outs or allow the SG150 to sit more than 4 hours before applying top coat clear or candy, apply 1 or 2 coats of SG100 Intercoat Clear to protect the pearl and flake (**see tech sheet on SG100**).



SG150 FLASH TEST - SG150 WILL DRY TO A SEMI-GLOSS AND FEEL DRY TO THE TOUCH.

NOTE: DO NOT APPLY MORE THAN 4 COATS OF SG150. It is not designed for hi-build.

8. DRY TIME

Allow 60 minutes (but not longer than 4 hours) dry time before Candy or clear is applied. If you anticipate the SG150 to sit 4 hours or longer, apply 1 to 2 coats of SG100. (**REFER TO SG100 TECH SHEET**)



SG150 FLASH TEST - SG150 WILL DRY TO A SEMI-GLOSS AND FEEL DRY TO THE TOUCH. Monitor closely for maximum merging of coats.

9. CLEAN UP

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

