



GENERAL INFORMATION

Shimrin2 is the next generation, ground-breaking Kandy Basecoat system from House of Kolor. Through new polymer technology, and innovative chemistry, we are able to meet and exceed low VOC regulatory limits with a solvent based system designed for Kustom Painting. S2-00 Trans Nebulae is the beginning of all Shimrin2 effects, making it the heart of the Shimrin2 Kandy Basecoat system. This system will provide extreme clarity, Depth, and Kandy-like appearance in a simple to apply 3 stage Base/Klear system, and will give you all the tools needed to create a truly Kustom Kandy Basecoat finish.

IMPORTANT NOTES

- All Shimrin2 Kandy basecoats are translucent. It is critical the vehicle or substrate is ground coated with one even color. Excellent ground coat options are SS01 Silver Sealer, S2-BC02 and all Shimrin2 Bases. The color of the ground coat will effect the appearance of the Kandy basecoat. Darker basecoats improve spray ability and depth.
- **S2-25 must be applied over KD3001 Black, to avoid milky side cast.**
- HOK1052015 Color Check Panel. A must have color tool. This innovative spray-out panel consists of sixty-two KD3000 series color variations. Color styling has never been easier or faster. Simply apply basecoats over panel to achieve an instant library of colors and effects.



PREPARATION

Please be aware that Shimrin2® bases, Kandy's and Klears can be susceptible to staining or bleeding from polyester body fillers, putties, fiberglass resins and some primers. To prevent staining, Please refer to the tech pages on KD3000 Series. It is important to maintain at least a 2 dry mil film thickness of KD3000 Series DTS Foundation Surfacer Sealer.



SUBSTRATE

- KD3000 Series DTS Foundation Surfacer / Sealer
- SS01 Silver Sealer (Tinted with Kandy Koncentrates)
- S2-BC02
- Shimrin2® Base Coats
- Properly cured and prepared OEM Finishes

GROUND COAT

ALL SHIMRIN2 KANDY BASECOATS ARE TRANSLUCENT. IT IS CRITICAL THE VEHICLE OR SUBSTRATE IS GROUND COATED WITH ONE EVEN SHIMRIN2 BASECOAT COLOR.

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.



COMPONENTS

KK Kandy Koncentrates

- | | |
|----------------------|--------------------|
| • KK01 Brandywine | KK10 Purple |
| • KK02 Lime Gold | KK11 Apple Red |
| • KK03 Wild Cherry | KK12 Pagan Gold |
| • KK04 Oriental Blue | KK13 Burple |
| • KK05 Cobalt Blue | KK14 Spanish Gold |
| • KK06 Burgundy | KK15 Teal |
| • KK07 Root Beer | KK16 Magenta |
| • KK08 Tangerine | KK18 Pink |
| • KK09 Organic Green | KK22 Voodoo Violet |

Shimrin2® FX Karrier Base

- S2-00 Trans Nebulae

Shimrin2® FX Effect Pacs

- FX Metalume® Series
- FX Kosamene® Series
- FX Kosmatic Styling Pearl® Series
- FX Metajuls® Series
- FX Kameleon® Series
- FX Kosmic Sparks® Series

RU Series Reducers

- RU310 – Fast Reducer 65°F to 75°F
- RU311 – Medium Reducer 75°F to 85°F
- RU312 – Slow Reducer 85°F to 95°F
- RU313 – Very Slow Reducer 95°F to 100+°F
- RU315 – Retarder
- RU300 - LV Cool Weather Reducer 70°F to 85°F
- RU301 - LV Warm Weather Reducer 85 to 100+°F



GUN SET UP

Refer to spray gun manufacturer's recommendations



MIXING RATIO

National Rule (8 : 1 : 1/2 : 50%)

- 8 parts S2-00 Trans Nebulae
- 1 part KK Kandy Koncentrates
- Up to 1/2 part S2-FX Effect Pac
- After you have assembled Kandy Basecoat mixture, Reduce 50% with RU Series Reducers RU310, RU311, RU312, RU313 (2 parts Kandy Basecoat mixture to 1 part RU Series Reducer, or 2:1)

Note: 90/10 blend max. RU Series Reducers with RU315 if needed.

Low VOC (8 : 1 : 1/2 : 50%)

- 8 parts S2-00 Trans Nebulae
- 1 part KK Kandy Koncentrates
- Up to 1/2 part S2-FX Effect Pac
- After you have assembled Kandy Basecoat mixture, Reduce 50% with RU Series Reducers RU300 or RU301 (2 parts Kandy Basecoat mixture to 1 part RU Series Reducer, or 2:1)

Note: 90/10 blend max. RU300 or RU301 LV Series / RU310, 311, 312, 313 Series Reducers. If RU315 is needed you may replace half of the 10% blend.



APPLICATION

Apply 3 to 4 medium coats of Shimrin2® Kandy Basecoat with a 75% pattern overlap. Allow each coat to flash dull (Typically 5 to 15 minutes) between coats. Walk long objects. Avoid dry spraying, as loss of adhesion is possible. If you intend to do artwork over the Shimrin2® Kandy Basecoat, we suggest you allow the basecoat to flash 15 minutes then apply 2 medium coats of S2-SG100 Intercoat (see tech sheet on S2-SG100) to protect against tape tracking and overspray under the masking tape, etc.



DRY TIME

Allow to flash from 30 minutes up to 4 hours maximum prior to applying klear. House of Kolor USC01 Urethane Show Klear is recommended for maximum durability and protection of your custom paint project. House of Kolor Klears have 3 times the UV blocking capability of regular automotive clear. Do not Intermix other manufacturers' products with House of Kolor.



CLEAN UP

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



TECHNICAL DATA

FOR USA (National Rule & Low VOC) / Canada

RTS Regulatory Data	8 : 1 : 1/2 : 50%			
	RU310-313 Series Reducers		LV Series Reducers or LV Series/RU Std Series Blend (90/10 Max.)	
	LBS/GAL	g/L	LBS/GAL	g/L
Actual VOC	3.0 Max.	360 Max.	0.7 Max.	75 Max.
Regulatory VOC (less water & exempt solvents)	5.95 Max.	715 Max.	3.5 Max.	420 Max.
Density	8 - 10	960 - 1200	8 - 10	960 - 1200
	Weight %	Volume %	Weight %	Volume %
Total Solid Content	10 - 15	9 - 14	9 - 14	9 - 14
Total Volatile Content	85 - 90	86 - 91	86 - 91	86 - 91
Water	0	0	0	0
Exempt Compound Content	53 - 56	50 - 53	84 - 87	84 - 87
Coating Category	Two Stage Topcoat / Color Coating			

FOR REST-OF-WORLD

RTS Regulatory Data	8 : 1 : 1/2 : 50%	
	RU310-313 Series Reducers	
	LBS/GAL	g/L
VOC	9.0 Max.	1080 Max.
Density	8 - 10	960 - 1200
	Weight %	Volume %
Total Solid Content	10 - 15	9 - 14
Total Volatile Content	85 - 90	86 - 91
Water	0	0
Coating Category	Two Stage Topcoat / Color Coating	

Note: ROW considered areas outside of US/Canada. Calculations include optional RU315 addition.

Note: US/Canadian Regulations allow for the use of exempt compounds for VOC calculations. Calculations include optional RU315 addition.

