



## GENERAL INFORMATION

Shimrin2® is the 2nd generation of the proven Shimrin® Basecoat technology introduced in 1982. Attributed to advanced manufacturing techniques, innovative chemistry and robust polymer engineering, Shimrin2® Kandy Basecoats (KBC) are the next generation of ground-breaking universal basecoats from House of Kolor. Through innovative chemistry, we are able to meet and exceed waterborne 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 (KBC) system. This diverse component of the S2 FX Karrier Base Series combined with our rich Kandy Koncentrates (KK) and 40 different S2-FX pacs options create extreme clarity, Depth, and Kandy-like appearance in a simple to apply 2 stage Base/Klear system.

Shimrin2® Kandy Basecoats (KBC) remain a solvent base system and is VOC compliant coast to coast including California.

## IMPORTANT NOTES

- All Shimrin2® Kandy basecoats are translucent. It is critical the vehicle or substrate is ground coated with one even color. An excellent ground coat is House of Kolor's SS01 Silver Sealer, KD3000 DTS Foundation Surfacer/Sealers, and S2-25/S2-26. The color of the ground coat will effect the appearance of the Kandy basecoat. Darker basecoats or sealers improve spray ability and depth.
- 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.



## SUBSTRATE

- KD3000 Series DTS Foundation Surfacer / Sealer
- SS01 Silver Sealer
- KS, KD, KP Series Primers and Sealers
- All Shimrin® and Shimrin2® Base Coats
- Properly cured and prepared OEM Finishes



## PREPARATION

Please be aware that Shimrin® / 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 or KP Series Primers. It is important to maintain at least a 2 dry mil film thickness of KD3000 Series DTS Foundation Surfacer Sealer or, KP series over all fillers and putties.

## GROUND COAT

- Seal with SS01 Silver Sealer, KD3000 series sealers, S2-25 Jet Black or S2-26 Bright White.
- SHIMRIN2® BASE COATS ARE TRANSLUCENT AND THE VEHICLE MUST BE ONE EVEN COLOR BEFORE APPLICATION OF BASE COAT.

**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

### 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
<b>S2-FX01</b> Super Fine-SFBC FX	<b>S2-FX21</b> Brass Pearl FX	<b>S2-FX31</b> KSP Strikn Gold FX	<b>S2-FX41</b> MBC Prism FX	<b>S2-FX51</b> KPF Green to Blue FX	<b>S2-FX61</b> KDP Sno White FX
<b>S2-FX02</b> Fine-FBC FX	<b>S2-FX22</b> Sterling Silver Pearl FX	<b>S2-FX32</b> KSP Red FX	<b>S2-FX42</b> MBC Pale Gold FX	<b>S2-FX52</b> KPF Gold to Green FX	<b>S2-FX62</b> KDP Gold Rush FX
<b>S2-FX03</b> Medium-BC FX	<b>S2-FX23</b> Russet Pearl FX	<b>S2-FX33</b> KSP Violet FX	<b>S2-FX43</b> MBC Red FX	<b>S2-FX53</b> KPF Copper Red to Green FX	<b>S2-FX63</b> KDP Blushing Red FX
<b>S2-FX04</b> Course-CBC FX	<b>S2-FX24</b> Copper Pearl FX	<b>S2-FX34</b> KSP Blue FX	<b>S2-FX44</b> MBC Blue FX	<b>S2-FX54</b> KPF Sapphire FX	<b>S2-FX64</b> KDP Copper Penny FX
<b>S2-FX05</b> Super Silver-SSBC FX	<b>S2-FX25</b> Bronze Pearl FX	<b>S2-FX35</b> KSP Green FX	<b>S2-FX45</b> MBC Yellow FX	<b>S2-FX55</b> KPF Aquarius FX	<b>S2-FX65</b> KDP Summertime Green FX
		<b>S2-FX36</b> KSP Turquoise FX	<b>S2-FX46</b> MBC Green FX	<b>S2-FX56</b> KPF Mayan Eruption FX	<b>S2-FX66</b> KDP Ocean Blue FX
		<b>S2-FX37</b> KSP Magenta FX	<b>S2-FX47</b> MBC Silver FX		<b>S2-FX67</b> KDP Turquoise FX
		<b>S2-FX38</b> KSP Indigo FX			
		<b>S2-FX39</b> KSP White FX			

### KK Kandy Koncentrates

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

### RU Series Reducers

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



## MIXING RATIO - STANDARD KANDY BASECOAT (KBC) (Visit [www.housofkolor.com](http://www.housofkolor.com) to view formulas and mixing tables)

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

- 8 parts S2-00 Trans Nebulae
- 1 part KK Kandy Koncentrates
- 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)

### California Rule (8 : 1 : 1/2 : 50%)

- 8 parts S2-00 Trans Nebulae
- 1 part KK Kandy Koncentrates
- 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)

## MIXING RATIO - KUSTOM KREATOR BASECOAT

Create your own Kustom Kreator Kandy Basecoat Kolors. All Shimrin2® components are intermixable. Combine multiple Karrier Bases, FX Effect Pacs, Kandy Koncentrates (KK), Flakes (F), Dry Pearls (DP), and more.

Combine other Karrier Base colors with S2-00 to create personalized color trends. Tint Kandy Koncentrates with other Kandy Koncentrates, mix several S2-FX pacs together. Once complete, throw a few pinches of flake or dry pearls into the mix for that extra bling!

We recommend that you stay within the boundaries below.

- 8 parts S2-00 Trans Nebulae or combination of Karrier Bases
- 1 part KK-Kandy Koncentrate or combination of KK's
- 1/2 part S2-FX Effect Pac or combination of FX Effect Pacs
- After you have assembled Kustom Kreator Kandy Basecoat mixture, Reduce **50%** with RU Series Reducers - RU-300 or RU301 for California Rule Compliant, or RU310, RU311, RU312, or RU313 for National Rule Compliant (2 parts Kustom Kreator Kandy Basecoat mixture to 1 part RU series reducer – 2:1)

## GUN SET UP

- 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%

## 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 USCO1 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

	National Rule	California Rule
Coatings Category	Color Coating	Color Coating
Actual VOC Ready to Spray	2.87 lbs./gal. (344 g/L)	0.7 lbs./gal. (84 g/L)
Regulatory VOC Ready to Spray less exempt solvents	4.94 lbs./gal. (587 g/L)	2.44 lbs./gal. (292 g/L)
HAPS Ready to Spray	14.49 lbs./gal. (1736 g/L solid)	0.65 lbs./gal. (78 g/L solid)
Total % Solids by Volume (Ready to Spray)	10	10
Wt % Volatiles (Ready to Spray)	88	88
Wt % Exempt Compounds (Ready to Spray)	55	85.4



Online  
Kwik-Mix





	National Rule	California Rule
Wt % Water (Ready to Spray)	0.0	0.0
<b>Viscosity (Ready to Spray)</b>		
#2 Signature Zahn @ 77°F	17.8 seconds	17.8 seconds
DIN 4 @ 77°F	16.1 seconds	16.1 seconds
Recommended Dry Film Build per Coat	1 mil	1 mil
Sq. Ft. Coverage/gal @ 1 mil	160.4 sq. ft./gal. @ 1 mil	160.4 sq. ft./gal. @ 1 mil

## HEALTH AND SAFETY

IMPORTANT The contents of this package have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

**See Material Safety Data Sheet and Labels for additional safety information and handling instructions.**