SHIMRIN2® SOLID BASECOATS
S2-25 JET BLACK / S2-26 BRIGHT WHITE

GENERAL INFORMATION
Shimrin2® is the 2nd generation of the proven Shimrin® Basecoat technology introduced in 1982. Shimrin2® is the next generation of ground breaking universal basecoats from House of Kolor. Through new innovative polymer chemistry we are able to meet and exceed waterborne with a solvent based system designed for. Kustom Painting. S2-25 Jet Black and S2-26 Bright White are Shimrin2® universal basecoats that may cleaned for a final finish, or used as a foundation for Shimrin2® standard basecoats including Kandy Basecoats, and your own Kustom Kreation. The Jettest black and the brightest white are a must have on every painters bench.

Shimrin2® remains a solvent base system yet meets all VOC rules coast to coast including California.

IMPORTANT NOTES
• In Custom Painting, Sealers are not an option, they are a must. They have 3 functions:
  1) They greatly improve adhesion between the substrate and the basecoat.
  2) They make the vehicle one color thereby reducing the number of coats of base, saving you money.
  3) They greatly improve color hold out and finish quality.

SUBSTRATE
• KO3000 Series DTS Foundation Surfacers and Sealers
• KS, KO, KP Series Primers and Sealers
• All House of Kolor Shimrin® Universal Bases
• Properly cured and prepared OEM finishes

PREPARATION
Please be aware that Shimrin® / Shimrin2® bases, Kandy’s and Kieers 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 KO3000 Series or KP Series Primers. It is important to maintain at least a 2 dry mil film thickness of KO3000 Series DTS Foundation Surfacers Sealer or, KP series over all fillers and putties.

SANDING THE SUBSTRATE
For all substrates
• Dry Sanding: FIPA grade = 280P to 320P grit (CAMI grade = 240 to 260 grit)
• Wet Sanding: FIPA grade = 600P to 800P grit (CAMI grade = 400 to 500 grit)

NOTE: Typically sealers do not need to be sanded. Do not seal until you are ready to apply the paint. This is where your chemical bond begins.

COMPONENTS
• S2-25 Jet Black or S2-26 Bright White Shimrin2®
• 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 or higher
• RU300 - LV Cool Weather Reducer 70°F to 85°F
• RU301 - LV Warm Weather Reducer 85°F to 100°F or higher
• Optional: S2 FX Effect Pacs

MIXING RATIO
National Rule Solid Color 2:1 by volume
• 2 parts Shimrin2® Solid Basecoat (S2-25 or S2-26)
• 1 part RU Reducer (RU310, RU311, RU312, or RU313)

California Rule 2:1 by volume
• 2 parts Shimrin2® Solid Basecoat (S2-25 or S2-26)
• 1 part RU Exempt Reducer (RU301 or RU302)

Optional - Mixing S2 FX Effect Pacs with solid base - 3:1:2 by volume
• 3 parts Shimrin2® Solid Basecoat (S2-25 or S2-26)
• 1 part S2 FX Effect Pac
• 2 parts RU Exempt Reducer (RU301 or RU302) or standard RU Reducers (RU310 - RU313)

NOTE: Airbrush Application - reduce to desired strength (for all mixing ratios)

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 2 to 3 medium coats of Shimrin2® (S2-25 or S2-26) with a 50% pattern overlap. Allow each coat to flash dry (Typically 5 to 15 minutes) between coats. If you intend to do artwork over the Jet Black or Bright White, we suggest you allow the base to flash dry 30 minutes then apply 2 coats of S2-SG100 Intercoat (see tech sheet on S2-SG100) to protect against tape tracking, etc.
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DRY TIME
Allow to flash from 30 minutes up to a max. 4 hours before top coating with US01 Urethane Show Kleer, or other Kosmic Kleers (refer to the tech sheet specific to the Kleer system you intend to use).

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

TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>National Rule</th>
<th>California Rule</th>
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</thead>
<tbody>
<tr>
<td>Coatings Category</td>
<td></td>
<td></td>
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<tr>
<td>Packaged Density</td>
<td>VARIES</td>
<td>VARIES</td>
</tr>
<tr>
<td>Packaged VOC</td>
<td>2.34 lbs./gal. (280 g/L) Max</td>
<td>2.34 lbs./gal. (280 g/L) Max</td>
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<tr>
<td>Actual VOC Ready to Spray</td>
<td>3.05 lbs./gal. (366 g/L) Max</td>
<td>0.89 lbs./gal. (107 g/L) Max</td>
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<tr>
<td>Regulatory VOC Ready to Spray less exempt solvents</td>
<td>5.69 lbs./gal. (683 g/L) Max</td>
<td>3.00 lbs./gal. (367 g/L) Max</td>
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<tr>
<td>Total HAPS (g HAPS/L) Packaged</td>
<td>0.23 lbs./gal. (27 g/L solid) Max</td>
<td>0.23 lbs./gal. (27 g/L solid) Max</td>
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<td>HAPS Ready to Spray</td>
<td>12.58 lbs./gal. (1510 g/L solid) Max</td>
<td>0.5 lbs./gal. (60 g/L solid) Max</td>
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<tr>
<td>Total % Solids by Volume (Ready to Spray)</td>
<td>10 - 17</td>
<td>10 - 17</td>
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<tr>
<td>Wet % Volatiles (Ready to Spray)</td>
<td>71 - 78</td>
<td>71 - 78</td>
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<tr>
<td>Wet % Exempt Compounds (Ready to Spray)</td>
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<td>65 - 85</td>
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<tr>
<td>Wet % Water (Ready to Spray)</td>
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<tr>
<td>Viscosity (Ready to Spray)</td>
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<td>14 - 20 seconds</td>
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<tr>
<td>DIN 4 @ 77°F</td>
<td>14 - 20 seconds</td>
<td>14 - 20 seconds</td>
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<tr>
<td>Recommended Dry Film Build per Coat</td>
<td>0.2 - 0.5</td>
<td>0.2 - 0.5</td>
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<tr>
<td>Sq. Ft. Coverage/gal @ 1 mil</td>
<td>240 - 272 sq. ft./gal @ 1 mil</td>
<td>240 - 272 sq. ft./gal @ 1 mil</td>
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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.