GENERAL INFORMATION

Ko-Seal® II is a two component acrylic urethane primer sealer. Ko-Seal® II has two series of products: one series meeting the VOC requirements for National Rule and one series meeting the VOC requirements for SCAQMD Rule 1151.

<table>
<thead>
<tr>
<th>National Rule Compliant Products</th>
<th>SCAQMD Rule 1151 Compliant Products</th>
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<tbody>
<tr>
<td>VOC= 4.58 lbs./gal.  550 g/L</td>
<td>VOC= 2.08 lbs./gal.  250 g/L</td>
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<tr>
<td>KS10 White Primer Sealer</td>
<td>KS210 White Primer Sealer</td>
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<tr>
<td>KS11 Black Primer Sealer</td>
<td>KS211 Black Primer Sealer</td>
</tr>
<tr>
<td>KS12 Metallic Primer Sealer</td>
<td>KS212 Metallic Primer Sealer</td>
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**NOTE:** Ko-Seal® II CAN NOT BE APPLIED OVER BARE METAL SURFACES OF ANY KIND. Ko-Seal® II MUST BE APPLIED OVER SANDED AND CLEAN PRIMER OR PROPERLY PREPARED AND SANDED PREVIOUSLY PAINTED SURFACES FOR PROPER ADHESION.

**NOTE:** Ko-Seal® II may be used as a ground coat color for our Shimrin® bases. After Ko-Seal® II has dried for one hour, topcoat with Shimrin® bases per the appropriate tech sheet. Ko-Seal® II may be tinted up to 5% by volume with any KK Kandy concentrate to achieve hundreds of different color combinations.

Ko-Seal® II is a high quality sealer designed to:
- Act as a bond coat between primer and top coats.
- Act as a holdout agent to prevent topcoats from soaking into the primer and reducing gloss.
- Make the object to be painted an appropriate color for faster coverage of top coats.
- Can be applied over properly prepared and sanded previously painted OEM surfaces, KP-, or KD-Series House of Kolor® Primers for proper adhesion of topcoats.

Ko-Seal® II is a high quality acrylic urethane catalyzed primer sealer designed to be used with either our Kustom Kolor® Acrylic Lacquer or Kosmic Kolor® Urethane Enamel systems. Ko-Seal® II is an excellent ground coat for base coat application. Choose the appropriate color for the base coat system and color that is going to be applied. Ko-Seal® II (KS11 / KS211) black and (KS10 / KS210) white colors may be intermixed for various shades of gray, also KK Koncentrates can be added to both (KS10 / KS210) white and (KS12 / KS212) silver for a closer match to the base coat or top coat color.

See Ko-Seal® II Color Reference Chart for proper color selection.

1. **SUBSTRATE**
   - OEM finish
   - KP & KD Epoxy Primers

2. **PREPARATION**
   Read "TECH PREP" thoroughly before you begin painting. Use only House of Kolor®'s KP or KD Epoxy Primers over bare metal substrates or metal substrates with body work. See tech sheet for more information on KP and KD Epoxy Primers.

3. **SANDING THE SUBSTRATE**
   - Dry Sandpaper = 280P to 320P grit (CAMI grade = 240 to 280 grit)
   - Wet Sandpaper = 400 to 500 grit (FEPA grade 600P to 800P grit)
   - Tight Areas (door jams, etc.) = Maroon scuff pad

4. **COMPONENTS**
   - KS Ko-Seal® II
   - KU150 Catalyst
   - RU310 (fast), RU311 (medium), RU300 (exempt) urethane reducer

5. **MIXING KO-SEAL® II**
   - 4 parts Ko-Seal® II
   - 1 part KU150 Catalyst
   - 1 part RU- reducer
   **FOR KS10, KS11, and KS12:**
     Mix (by volume) 4 parts Ko-Seal® II to 1 part KU150 Exempt Catalyst, to 1 part Kosmic Reducer to remain at 4.58 VOC. Use a reducer best suited to your shop conditions. See tech sheet for more information on reducers. Mix well and strain into gun. Pot life 1 hour.
   **FOR KS210, KS211 and KS212:**
     Mix (by volume) 4 parts Ko-Seal® II to 1 part KU150 Exempt Catalyst, to 1 part RU300 VOC Exempt Reducer, to remain at 2.08 VOC. Substituting RU310, RU311 or RU312 will give a 3.5 VOC product. See tech sheet for more information on reducers. Mix well and strain into gun. Pot life 1 hour.

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 1.5
     (Depending on the size of object being painted)
   - Trigger Pull = 50% to 75%
   - Air Brush = Not Recommended

7. **APPLYING KO-SEAL® II**
   Strain the sealer into the paint gun. Gun distance while spraying should be approximately 5 to 6 inches.
   Apply 1 or 2 medium wet coats with 50% pattern overlap. Walk long objects. Be sure of thorough coverage. Allow flash time between coats.
   **KO-SEAL® II FLASH TEST** - ALLOW TO FLASH DULL BETWEEN COATS. USUALLY 5 TO 10 MINUTES.

8. **DRY TIME**
   Allow to dry 1 hour but no longer than 2 hours. After 2 hours we recommend scuffing with a maroon scuff pad. PLEASE REFER TO SANDING GRIT RECOMMENDATIONS (PAGE 59). (Dry time may vary with weather and shop conditions).
   **NOTE:** If 24 hours dry time has elapsed, wet sand and reseal surface for positive adhesion of topcoats.

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