



**SHERWIN  
WILLIAMS.**

# Chemical Coatings

CC-B5

## Dimenso<sup>®</sup> One-Coat Enamel

Silver ..... H61S11  
Dark Blue ..... H61L19

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p><b>Dimenso<sup>®</sup> One Coat Enamel</b> is a one coat, two purpose, three dimensional alkyd gloss enamel for general product finishing. Dimenso dries very fast or can be baked to provide a unique, hammered finish. Also, when properly reduced, it will produce an opalescent effect.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• Provides a three dimensional or opalescent finish</li> <li>• Hides surface defects caused by sanding, scratches, metal imperfections, and metal contour</li> <li>• Fast drying</li> <li>• Excellent adhesion</li> <li>• Free of lead and chromate hazards</li> </ul>	<p><b>Gloss:</b> Full (70+ units)  <b>Volume Solids:</b> 36 ± 1%  varies by color  <b>Viscosity:</b>  30-45 seconds #3 Zahn Cup  <b>Recommended film thickness:</b>  Mils Wet 3.5 - 4.0  Mils Dry 1.25 - 1.5  <b>Spreading Rate</b> (no application loss)  374-475 sq ft/gal @ 1.25-1.5 mils DFT  <b>Drying</b> (1.0 mils dft, 77°F, 50% RH):  To Touch: 5-10 minutes  To Handle: 15-30 minutes  To Pack: Overnight  Force Dry: 15-30 minutes at 200°F  Infrared Oven 5 minutes at 300°F  <b>Flash Point:</b> 40°F Pensky-Martens Closed Cup  <b>Package Life:</b> 2 years, unopened    <b>Air Quality Data:</b>  Photochemically reactive  Volatile Organic Compounds (VOC) as packaged, maximum  4.7 lb/gal, 564 g/L  reduced 100% with Toluene:  6.0 lb/gal, 720 g/L    An Environmental Data Sheet is available from your local Sherwin-Williams facility.</p>	<p><b>General:</b> Substrate should be free of grease, oil, dirt, fingerprints, drawing compounds, any contamination, and surface passivation treatments to ensure optimum adhesion and coating performance properties. Consult Metal Preparation Brochure CC-T1 for additional details.</p> <p><b>Aluminum:</b> If untreated, prime with Industrial Wash Primer, P60G2, or KemAqua<sup>®</sup> Wash Primer, E61G520.</p> <p><b>Galvanized Iron:</b> If untreated, prime with Industrial Wash Primer, P60G2, or KemAqua Wash Primer, E61G520.</p> <p><b>Steel or Iron:</b> Remove rust, mill scale, and oxidation products. For best results, treat the surface with a proprietary surface chemical treatment of zinc or iron phosphate to improve corrosion protection.  Interior: primer not required.  Exterior: prime with Kem-Flash<sup>®</sup> Prime.</p> <p><b>Testing:</b> Due to the wide variety of substrates, surface preparation methods, and application methods and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.</p>

## APPLICATION

### **Hammertone Patterns**

Spray at package consistency using conventional spray equipment. Apply one full wet coat. Do not respray as that will hinder pattern formation.

### **Opalescent Finish**

Reduce 75 to 100% with Toluol (R2K1). Apply one full wet coat followed immediately with a light mist coat. The mist coat can be applied by partial triggering. The extra air helps stop flow and pattern.

### **Conventional Spray:**

Air Pressure ..... 40-60 psi  
Fluid Pressure ..... 10-15 psi  
Cap/Tip ..... DeVilbiss 765/E

May also be applied with a HVLP spray system.

### **Cleanup:**

Clean tools/equipment immediately after use with Toluol, R2K1, or Xylol, R2K4. Follow manufacturer's safety recommendations when using any solvent.

## SPECIFICATIONS

### **Product Limitations:**

- Do not expose to temperatures over 225°F for extended lengths of time.
- Provides limited exterior durability.
- For hammered effect, do not reduce.
- The hammertone pattern may be affected by very rough surfaces.

## CAUTIONS

Thoroughly review product label for safety and cautions prior to using this product.

A Material Safety Data Sheet is available from your local Sherwin-Williams facility.

Please direct any questions or comments to your local Sherwin-Williams facility.

### LABEL CAUTIONS

SEE CONTENTS STATEMENT ON LABEL.

Contents are FLAMMABLE. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. Avoid contamination with water. Water can cause evolution of gas which may result in dangerously increased pressure in closed container.

FIRST AID: If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Call Poison Control Center, hospital emergency room, or physician immediately.

SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.

Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

SEE MATERIAL SAFETY DATA SHEET. 24342-051905.

**Note:** The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams company cannot make any warranties as to the end result.