

Product Finishes

CC-B5



**SHERWIN
WILLIAMS.**

Dimenso[®] One-Coat Enamel

SilverH61S11
 Dark BlueH61L19
 Custom Blend.....H61XX Series

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p>Dimenso[®] One Coat Enamel 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. When properly reduced, it will produce an opalescent effect.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Provides a three dimensional or opalescent finish • Hides surface defects caused by sanding, scratches, metal imperfections, and metal contour • Fast drying • Excellent adhesion <p>*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations</p>	<p>High Gloss: 70+ units (60°)</p> <p>Volume Solids: 36 ± 1% varies by color</p> <p>Viscosity: 30-45 seconds #3 Zahn Cup</p> <p>Recommended film thickness: Mils Wet 3.5 - 4.0 Mils Dry 1.25 - 1.5</p> <p>Spreading Rate (no application loss) 374-475 sq ft/gal @ 1.25-1.5 mils DFT</p> <p>Drying (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</p> <p>Flash Point: 40°F Pensky-Martens Closed Cup</p> <p>Package Life: 2 years, unopened</p> <p>Air Quality Data:</p> <ul style="list-style-type: none"> • Photochemically reactive • Volatile Organic Compounds (VOC)* theoretical as packaged, less exempt solvents maximum 4.7 lb/gal, 564 g/L* • Reduced 100% with Toluene: 6.0 lb/gal, 720 g/L <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com.</p>	<p>General: 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>Aluminum: If untreated, prime with RoHS Compliant Wash Primer, P60G10, Kem Aqua[®] Wash Primer, E61G522 or Industrial Wash Primer, P60G2.</p> <p>Galvanized Steel: If untreated, prime with RoHS Compliant Wash Primer, P60G10, Industrial Wash Primer, P60G2 or Kem Aqua[®] Wash Primer, E61G522.</p> <p>Galvanized Iron: If untreated, prime with RoHS Compliant Wash Primer, P60G10, Industrial Wash Primer, P60G2, or Kem Aqua[®] Wash Primer, E61G522.</p> <p>Steel or Iron: 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.</p> <p>Interior: Primer not required. Exterior: Prime with Kem-Flash[®] Prime. E61A45 series</p> <p>Testing: The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.</p>

APPLICATION

Typical Setups

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.

ADDITIONAL INFORMATION

- 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

FOR INDUSTRIAL SHOP APPLICATION ONLY

Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or www.paintdocs.com.

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

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