ALKYD URETHANE ENAMEL GLOSS CV200

Features
- Urethane modification for maximum durability
- Easy application
- For use on most surfaces
- Hard, scratch- and impact-resistant coating
- High-solids formula

General Description
CV200 product is a heavy-duty alkyd enamel intended for use on a wide variety of surfaces, both interior and exterior. The surfacetolerant formula sticks to surfaces that may be marginally prepared, and the exceptional flow and leveling provides a smooth, uniform finish. Made with our toughest alkyd resin, this paint stands up to mechanical and human abuse, while the urethane fortification adds gloss and color retention in exterior spaces exposed to sunlight and rain.

Recommended For
Corotech® Alkyd Urethane Enamel Gloss is intended for use as an interior and exterior coating on a wide variety of surfaces, such as previously painted surfaces, ferrous metal and drywall. It is most commonly used in industrial or professional applications. This product is not recommended for direct application to non-ferrous metals such as galvanized metal or aluminum unless primed with V110 Acrylic Metal Primer.

Limitations
- Do not apply if material, substrate or ambient temperature is below 45 °F (10 °C). Relative humidity should be below 90%.
- Do not apply directly to galvanized metal.
- Not for immersion service.
- DO NOT topcoat with products such as epoxies or urethanes containing aromatic or oxygenated solvents.

Product Information
Colors — Standard:
White (01), Safety Yellow (10), Safety Red (20), Safety Blue (30), Safety Green (40), Bronzetone – satin finish (62), Silver Gray (70), Battleship Gray (75), Black (80), Wrought Iron Black – flat finish (81)

— Tint Bases:
Pastel Base (85), Tint Base (86), Deep Base (87), Clear Base (88).

Tint with Benjamin Moore® Color Preview® colorant

— Special Colors:
Contact your retailer.

Certifications & Qualifications:
The products supported by this data sheet contain a maximum of 250 grams per liter VOC / VOS (2.09 lbs./gal.) excluding water & exempt solvents.
Suitable for use in USDA inspected facilities

Technical Data

<table>
<thead>
<tr>
<th>Color</th>
<th>Technical Data</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Type</td>
<td>Urethane Modified Alkyd</td>
<td></td>
</tr>
<tr>
<td>Pigment Type</td>
<td>Titanium Oxide</td>
<td></td>
</tr>
<tr>
<td>Volume Solids</td>
<td>62.2 ± 1.0%</td>
<td></td>
</tr>
<tr>
<td>Coverage per Gallon at Recommended Film Thickness</td>
<td>450 – 525 Sq. Ft.</td>
<td></td>
</tr>
<tr>
<td>Recommended Film Thickness</td>
<td>– Wet 3.1 – 3.4 mils</td>
<td>– Dry 1.9 – 2.1 mils</td>
</tr>
</tbody>
</table>

Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.

Dry Time @ 77 °F (25 °C) @ 50% RH
– Tack Free 4 Hours
– To Recoat 12 Hours
– Full Cure 4 – 6 Days

High humidity and cool temperatures will result in longer dry, recoat and service times.

Dries By Oxidation
Viscosity 80 – 85 KU
Flash Point 79 °F (TT-P-141, Method 4293)
Gloss/Sheen Wrought Iron Black - Flat (0 – 5 @ 60°)
Surface Temperature – Min. 45 °F at Application – Max. 100 °F

Thin With Do Not Thin

Clean Up Thinner V701 Brushing Reducer or Mineral Spirits

Weight Per Gallon 10.5 Lbs.
Storage Temperature – Min. 45 °F – Max. 95 °F

Volatile Organic Compounds (VOC)
245 Grams/Liter 2.04 Lbs./Gallon

Reported values are for White. Contact retailer for values of the bases or colors.
Alkyd Urethane Gloss CV200

Surface Preparation

The performance of this product is directly dependent upon the degree of surface preparation employed. All Grease Oil, Dirt, Mildew, or any other surface contaminants must be removed using Corotech V600 Oil & Grease Emulsifier.

**Ferrous Metal:** All rust and mill scale should be removed prior to application of this product. This is best accomplished by abrasive blasting. A minimum of SSPC-SP 6 Commercial Blast is recommended for severe environmental exposures. Small areas may be cleaned in accordance with SSPC-SP 2 Hand Tool Cleaning or SSPC-SP 3 Power Tool Cleaning or SSPC-SP 11 Power Tool Cleaning to Bare Metal. It is recommended that the prepared ferrous metal be primed for best corrosion resistance.

**Non-Ferrous Metals:** Solvent Clean or use Corotech® V600 Oil & Grease Emulsifier in accordance with SSPC-SP1. The use of an Acrylic or Phenolic Alkyd primer on non-ferrous metals is recommended.

**Concrete:** Form release agents and curing compounds must be removed prior to coating. The concrete to be coated must be opened to enable coating penetration; this may be accomplished by acid washing or abrasive blasting. Coarse masonry should be primed with appropriate block filler.

**Plaster and Dry Wall:** Prime new drywall and cured plaster with a quality acrylic primer. Apply one or two finish coats as needed.

For use on substrates other than specified above, please contact our Technical Service Department.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

**Environmental Health & Safety Information**

DANGER!

- May cause an allergic skin reaction
- Suspected of causing cancer
- May damage fertility or the unborn child
- Causes damage to organs through prolonged or repeated exposure
- May be fatal if swallowed and enters airways
- Flammable liquid and vapor

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Do not breathe dust/fume/gas/steam. Keep containers closed. Wash hands before eating, drinking, or smoking. Remove contaminated clothing before reuse. IF SWALLOWED: Immediately call a Poison Control Center. IF ON SKIN: Remove contaminated clothing. Rinse skin with soap and water. IF IN EYES: Rinse for 15 minutes. IF INHALED: Move to fresh air. IF ON CLOTHING: Remove and wash. Get medical advice/attention.

**Response:** IF exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IN CASE OF FIRE: Use dry chemical, or foam for extinction. No Smoking. Keep container tightly closed. Avoid breathing dust or vapor. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Disposal:** Dispose of contents/container to an approved waste disposal plant.

**Storage:** Store locked up. Store in a cool, dry, well-ventilated area. Keep cool.

**CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)**

<table>
<thead>
<tr>
<th>Test</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh Water</td>
<td>Excellent</td>
</tr>
<tr>
<td>Salt Water</td>
<td>Good</td>
</tr>
<tr>
<td>Acids</td>
<td>Fair</td>
</tr>
<tr>
<td>Alkalis</td>
<td>Fair</td>
</tr>
<tr>
<td>Solvents</td>
<td>Fair</td>
</tr>
<tr>
<td>Fuel</td>
<td>Fair</td>
</tr>
<tr>
<td>Acidic Salt Solutions</td>
<td>Good</td>
</tr>
<tr>
<td>Alkaline Salt Solutions</td>
<td>Good</td>
</tr>
<tr>
<td>Neutral Salt Solutions</td>
<td>Good</td>
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**SYSTEMS RECOMMENDATIONS**

- Compatible Primers:
  - Airless Sprayer: Mix the product thoroughly before application. The use of a drill mixer at low speed will best accomplish this.
  - Air Spray (Pressure Pot): DeVilbis MBC or JGA gun, with 704 or 765 air cap and Fluid Tip E.
  - Brush / Roller: Can be brushed using a natural bristle brush or rolled using a 3/8” lambs wool or 1/4” - 1/2” synthetic roller cover. Roll in one direction, rewet, then cross roll.

**NOTE:** Do not allow material to remain in hoses, guns or spray equipment. Thoroughly flush all equipment with recommended thinner. No reduction is necessary. Do not apply if material, substrate or ambient temperature is below 50 °F (10 °C). Relative humidity should be below 90%. Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.

**Clean Up**

Clean with V701 Brushing Reducer or Mineral Spirits.

**Application**

Keep out of reach of children for professional use only

- Refer to individual Safety Data Sheet for additional health and information.