ALKYD URETHANE ENAMEL
GLOSS V200

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

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 50 °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.

General Description
V200 product is a heavy-duty alkyd enamel intended for use on a wide variety of surfaces, both interior and exterior. The surface-tolerant 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.

Product Information

Colors — Standard:
White (01), Safety Yellow (10), Safety Red (20), Safety Blue (30), Safety Green (40), Bronzetone (62) – Satin Finish, Silver Gray (70), Battleship Gray (75), Black (80), Wrought Iron Black (81) – Flat Finish

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

— Special Colors:
Contact your retailer

Certifications & Qualifications:
The products supported by this data sheet contain a maximum of 340 grams per liter VOC / VOS (2.83 lbs. /gal.) excluding water & exempt solvents.
Masters Painters Institute MPI # 9, 27 & 48.
V200 meets performance requirements of TT-E-487E, -489J, -491C, -496 (Type II), -506K, -1593 and -2784A
V200 meets performance requirements of SSPC Paint #102
V200 meets performance requirements of MIL-E-20090 and -15909 Type I
Suitable for use in USDA inspected facilities

Technical Assistance:
Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com

VOC REGION COMPLIANT

Technical Data◊

Vehicle Type
Modified Alkyd

Pigment Type
Titanium Oxide

Volume Solids
56 ± 1.0%

Coverage per Gallon at Recommended Film Thickness
400 – 450 Sq. Ft. (25 °C @ 50% RH)

Recommended Film Thickness
– Wet 3.6 – 4.0 mils
– Dry 2.0 – 2.2 mils

Dry Time @ 77 °F (25 °C @ 50% RH)
– Tack Free 4 Hours
– 1 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
104 °F (TT-P-141, Method 4293) Gloss (80+ @ 60°)

Gloss/Sheen
Wrought Iron Black - Flat (0-5 @ 60°)

Surface Temperature at Application
– Min. 50 °F
– Max. 100 °F

Thin With
Do Not Thin

Clean Up Thinner
V701 Brushing Reducer or Mineral Spirits

Weight Per Gallon
9.8 Lbs.

Storage Temperature
– Min. 45 °F
– Max. 95 °F

Volatile Organic Compounds (VOC)

335 Grams/Liter
2.8 Lbs./Gallon

◊ Reported values are for White. Contact your retailer for values of the bases or colors.
Alkyd Urethane Enamel V200

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. 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.

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