



Product Data Sheet

PRODUCT DESCRIPTION

Cote-All Aluminum is a premium quality alkyd enamel. It provides excellent gloss and color retention, as well as outstanding durability. USDA approved for use on non-contact surfaces.

TYPICAL USES

Formulated for use as a finish coat on primed or previously painted interior and exterior steel surfaces. Ideal for mild industrial environments, implement finishing, food and beverage industry. Cote-All Aluminum is ideal for surfaces where the beauty and brilliance of an aluminum metallic finish is desired, such as tanks, fences and implement finishing.

BASES & COLORS

AZ-2401 Aluminum

PHYSICAL PROPERTIES

Resin Type	Alkyd
Clean-up Solvent	Mineral Spirits or Xylol
Finish	Satin
Solids by Weight	58 %
Solids by Volume	50 %

Recommended Dry Film Thickness per Coat	2 – 3 mils
Wet Film to Achieve DFT	4.5 – 7 mils
Theoretical Coverage @ 1 mil	798 ft ² /gallon
Practical Coverage at Recommended DFT ¹	266 – 399 ft ² /gallon
<u>Dry Times²</u> @ 70° F (21° C) and 50% R.H.	Touch 4 to 6 hours Recoat 8 hours
Service Temperature limit	200° F (93° C)
VOC's	416 grams/liter

¹ Spread rates are estimates based on products volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, surface porosity and texture.

² Dry times may vary depending upon temperature, humidity and degree of air movement.

SPECIFICATIONS

Ferrous Metal

1 ct AZ-Series Cote-All Universal Primer
or
1 ct V-Tech 600 Fast Dry Universal Primer
2 cts Cote-All Aluminum

Galvanized Metal

1 ct V-Cote 200 Acrylic Maintenance Primer
or
1 ct V-Tech 600 Fast Dry Universal Primer
2 cts Cote-All Aluminum

Aluminum

1 ct V-Cote 200 Acrylic Maintenance Primer
2 cts Cote-All Aluminum

This product meets or exceeds Master Painters Institute (MPI) # 1 approval standard.

For more detailed recommendations, please contact your local Diamond Vogel Sales Representative.

SURFACE PREPARATION

All surfaces must be cured, clean, sound, dry and free of all dirt, dust, efflorescence, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. **Bare surfaces must be properly prepared and primed prior to application of this product.**

Ferrous Metal Surfaces:

Remove loose rust and mill scale with hand or power abrading tools (reference SSPC-SP-2 or SSPC-SP-3). For complete removal of the old coating, abrasive blast according to SSPC-SP-2 Commercial Blast

Galvanized/Aluminum Surfaces:

New aluminum must be solvent wiped to remove contamination, then use an etching solution or abrade the surface by sanding. Aged aluminum should be power or hand washed with detergent and rinse thoroughly. The surface must be dull and slightly rough: use an etching solution or sand if needed.

Previously Painted Surfaces

- Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. All cleaning residue must be completely rinsed from the surface. Allow to dry.
- Remove all loose coatings and corrosion by scraping, sanding or other abrading method. Dull glossy, slick and/or non-porous surfaces with sandpaper.
- Patch and fill areas as needed. Spot prime bare areas with appropriate primer.

Mildew

Remove by using a solution of one (1) part household bleach and three (3) parts water. Apply to mildewed area and scrub. Allow solution to remain on the surface for 3 to 5 minutes then rinse completely and allow to dry before coating application. Do not add detergents or ammonia to the bleach/water solution.

APPLICATION

- Stir material prior to application. Intermix tinted containers to ensure color uniformity of all material.
- Equipment must be clean prior to start. Flush airless lines with mineral spirits.
- Apply by brush, roller or spray. A good quality natural bristle brush will make application easier. Select a roller cover suited for the texture of the surface to be coated. Airless tip sizes of .013 to .015 are recommended.
- Apply the product in full even coats and maintain a wet edge. Allow the product to dry between coats.
- Do not thin.

ENVIRONMENTAL VARIABLES

Minimum surface and air temperature required for application is 40° F (4° C) and at least 5° F (3° C) above the dew point. While this product is not subject to freezing, curing is affected by temperature, humidity and air movement. Cold temperatures will greatly increase the dry time. Application at elevated temperatures, wind conditions, and/or low humidity may require special application procedures to achieve proper film formation.

CLEAN-UP

Clean up spills immediately with mineral spirits. Clean hands and tools immediately after use mineral spirits.

Alkyd coatings are not recommended for direct application to unprimed masonry surfaces or unprimed galvanized surfaces.

CAUTIONS

Not intended for use on floors

Do not apply below 40° F.

Do not take internally

Use with adequate ventilation

KEEP OUT OF REACH OF CHILDREN

*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 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.

Limited Warranty

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Diamond Vogel Paints does not control the application of its products, or the condition of the surfaces to which they are applied, Diamond Vogel Paint's liability will under no circumstances exceed replacement of the product.