



AZ-Series
Cote-All

Multi-Purpose Alkyd Metal Primer

Product Data Sheet

PRODUCT DESCRIPTION

Cote-All Primer is a rust inhibitive, lead and chromate free primer for use on steel substrates. Can also be used as a barrier coat over sound painted surfaces when top coating with recommended conventional coatings.

TYPICAL USES

Formulated for use on properly prepared bare steel and previously painted surfaces in sound condition. For interior or exterior use. Cote-All primers are ideal for use as shop coat primers, for structural steel in light industrial environments and for steel tanks and equipment.

COLORS

AZ-0400 Gray
AZ-1400 White
AZ-5400 Red Oxide

PHYSICAL PROPERTIES(AZ-1400)

Resin Type	Alkyd
Clean-up Solvent	Mineral Spirits or Xylol
Finish	0-10 @ 60°
Solids by Weight	67 %
Solids by Volume	42 %

Recommended Dry Film Thickness per Coat	2 – 3 mils
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Wet Film to Achieve DFT	4.75 – 7 mils
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Theoretical Coverage @ 1 mil	680 ft ² /gallon
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Practical Coverage at Recommended DFT ¹	226 – 340 ft ² /gallon
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<u>Dry Times</u> ² @ 70° F (21° C) and 50% R.H.	Touch 3 hours Recoat 8 hours
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Service Temperature limit	200° F (93° C)
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VOC's (Range from 345 to 450 g/L depending on base)	450 grams/liter
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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
2 cts MC/D/AZ/CS/B/MS/MH-Series Finishes

This product meets or exceeds Master Painters Institute (MPI) # 23 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, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. **Bare surfaces must be properly prepared prior to application of this product.**

Ferrous Metal Surfaces: Abrasive blast new hot rolled steel surfaces to achieve a 1.5 to 2 mil profile (reference SSPC-SP-6). Blasted surfaces must be primed before flash rusting occurs. Treat rust free, cold rolled steel with a metal cleaning and etching solution. If blasting is not possible, remove loose rust and mill scale with hand or power abrading tools (reference SSPC-SP-2 and SSPC-SP-3).

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, rust and corrosion by scraping, sanding or other abrading method (reference SSPC-SP-2 and SSPC-SP-3). For complete removal of the old coating, prepare according to SSPC-SP-6 Commercial Blast. Dull glossy, slick and/or non-porous surfaces with sandpaper.

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.