



AS-5302

Special Red Alkyd Barn Paint

Product Data Sheet

PRODUCT DESCRIPTION

AS-5302 Special Red Barn Paint is an economical finish to beautify, preserve and maintain your farm, ranch and utility buildings. It is superior to any other red barn paint on the market, and it is recommended for use wherever excellent durability, combined with moderate cost is desired.

TYPICAL USES

Formulated for use on wood surfaces such as fences, posts, rough lumber or outside farm buildings. Special Red Barn paint has been tested and is lead free and the dry film is harmless to livestock.

BASES & COLORS

AS-5302 Special Red Do not tint

PHYSICAL PROPERTIES (AS-5302)

Resin Type	Linseed Oil
Reduction Solvent	Mineral Spirits
Clean-up Solvent	Mineral Spirits
Finish	Semi-Gloss
Solids by Weight	86 %
Solids by Volume	74 %
Recommended Dry Film Thickness per Coat	2 – 3 mils
Wet Film to Achieve DFT	3 – 4 mils
Theoretical Coverage @ 1 mil	1187 ft ² /gallon
Practical Coverage at Recommended DFT ¹	396 – 594 ft ² /gallon
<u>Dry Times</u> ² @ 70° F (21° C) and 50% R.H.	Touch 8 – 12 hours Recoat 24 hours
VOC's	205 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

Galvanized and Aluminum Metal

1 ct V-Cote 200 Acrylic Maintenance Primer
2 cts AS-5302 Special Red Paint

Exterior Wood

1 ct AU-Series Alkyd Primer
or
1 ct BU-Series Acrylic Primer
1 ct AS-5302 Special Red Barn Paint

Ferrous Metal

1 ct AZ-Series Cote-All Universal Primer
2 cts AS-5302 Special Red Barn Paint

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.**

Wood Surfaces: Patch nail holes, cracks and imperfections with exterior spackling compound. Sand and wipe clean. Woods subject to tannin bleeding should be primed with a stain blocking primer.

New Galvanized/Aluminum Surfaces: Solvent wipe to remove surface contamination, then use an etching solution or abrade the surface by sanding.

Weathered Galvanized/Aluminum Surfaces: Power or hand wash with detergent and rinse thoroughly. The surface must be dull and slightly rough; use an etching solution or sand if needed.

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

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.
- 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.
- Thinning is not normally required. If thinning is required for workability, add up to ½ pint of mineral spirits per gallon of material.

ENVIRONMENTAL VARIABLES

Protect product from freezing prior to and during application. Minimum surface and air temperature required for application is 40° F (4° C) and at least 5° F (3° C) above the dew point. Curing is affected by temperature, humidity and air movement. The minimums must be maintained for at least eight (8) hours in order to achieve proper film formation. 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

For exterior use only
Do not apply below 40° F
Not intended for use on floors
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.