

# Amercoat® 43

*Rust inhibitive one-coat transmission tower coating*

## Product Data/ Application Instructions

- Protects steel and galvanized transmission tower surfaces in one coat
- High-build, high solids coating
- Excellent wetting and adhesion
- Easy application

### Typical Uses

Amercoat 43 transmission tower coating is from the Zicote family of tower coatings that have been helping the industry protect steel and galvanized surfaces for over 40 years. There are case histories of jobs lasting over 20 years on electric distribution equipment. An added benefit is that these coatings may be used to restore and protect chain link fences.

This one-coat tower coating is available in both zinc dust and stainless steel pigmentation. They offer high film build and high solids, along with excellent wetting and adhesion properties.

### Surface Preparation

All surfaces to be coated must be dry and cleaned free of all contaminants. Remove dirt, dust, mill scale, oil, grease and old loose paint. The surface must be prepared to the minimum requirements of SSPC-SP2, hand tool cleaning.

Galvanized surfaces should also have been weathered to produce a finely etched surface before being coated.

### Physical Data

Finish	Low Sheen	
Color	Gray, green	
Components	1	
Volume solids (calculated)	87% ± 3%	
Dry film thickness per coat	6.0-8.0 mils (150-200 microns)	
Coats	1	
Theoretical coverage	ft <sup>2</sup> /gal	m <sup>2</sup> /L
1 mil (25 microns)	1395	34.2
VOC	lb/gal	g/L
unthinned	1.2	144
thinned (1pt/gal)	1.8	216
Temperature resistance	°F	°C
continuous	225	107
Flash point	°F	°C
43	140	60
Amercoat 15	106	41
Amercoat 12	2	-17

### Application Data

Applied over	Prepared steel, weathered galvanizing	
Surface preparation	SSPC-SP 2 or better	
Method	Brush, roll or mitt	
Environmental conditions		
Temperature	°F	°C
air and surface	50-95	10-35
Relative humidity	85% maximum	
Surface temperatures must be at least 5°F (3°C) above dew point to prevent condensation		
Drying time ASTM D1640 @ 50% RH(hours)		
	°F/°C	
	75/24	
touch	12	
handle	48	
recoat (minimum)	48	
recoat (maximum)	30 days	
Thinner	Amercoat 15	
Equipment cleaner	Amercoat 12 or thinner	

*Formerly VyGuard 17 Series*

## Application Equipment

**Brush** - natural bristle. Maintain a wet edge.

**Roller** - solvent resistant, ¾" to ½" nap

**Mitt** - lambswool or synthetic.

## Application Procedure

1. Stir to uniform consistency. Remove particles and skin by straining through cheesecloth or equivalent.
2. If thinning is necessary thin with up to 1 pint of Amercoat 15 per gallon of Amercoat 43.
3. Apply a smooth even coat by brush, roller, or mitt, taking care to minimize holidays, bare areas, and pinholes.
4. Store unused materials in tightly closed containers. Contents of partially filled containers may show surface skinning after storage. If skin forms, remove by straining before use.
5. Clean equipment with Amercoat 12 or thinner immediately after use.

## Limitation of Liability

Ameron's liability on any claim of any kind, including claims based upon Ameron's negligence or strict liability, for any loss or damage arising out of, connected with, or resulting from the use of the products, shall in no case exceed the purchase price allocable to the products or part thereof which give rise to the claim. **In no event shall Ameron be liable for consequential or incidental damages.**

## Shipping Data

Packaging units	1-gal	5-gal
Shipping weight (approx)	lb	kg
1-gal unit resin	15.0	6.8
5-gal unit resin	74.8	34.0

Shelf life when stored indoors at 40 to 100°F (4 to 38°C)

1 year from shipment date

Numerical values are subject to normal manufacturing tolerances, color and testing variances. Allow for application losses and surface irregularities. See application instructions for complete information and safety precautions.

This product is nonphotochemically reactive as defined by the South Coast Air Quality Management District's Rule 102 or equivalent regulations.

## Safety Precautions

Read material safety data sheet before use. Safety precautions must be strictly followed during storage, handling and use.

**CAUTION – Improper use and handling of this product can be hazardous to health and cause fire or explosion.**

**Do not use this product without first taking all appropriate safety measures to prevent property damage and injuries. These measures may include, without limitation: implementation of proper ventilation, use of proper lamps, wearing of proper protective clothing and masks, tenting and proper separation of application areas. Consult your supervisor. Proper ventilation and protective measures must be provided during application and drying to keep spray mists and vapor concentrations within safe limits and to protect against toxic hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined or enclosed spaces, such as tank interiors and buildings.**

**This product is to be used by those knowledgeable about proper application methods. Ameron makes no recommendation about the types of safety measures that may need to be adopted because these depend on application environment and space, of which Ameron is unaware and over which it has no control.**

**If you do not fully understand these warnings and instructions or if you cannot strictly comply with them, do not use the product.**

**Note:** Consult Code of Federal Regulations Title 29, Labor, parts 1910 and 1915 concerning occupational safety and health standards and regulations, as well as any other applicable federal, state and local regulations on safe practices in coating operations.

***This product is for industrial use only. Not for residential use.***

## Warranty

Ameron warrants its products to be free from defects in material and workmanship. Ameron's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at Ameron's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to Ameron in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify Ameron of such nonconformance as required herein shall bar Buyer from recovery under this Warranty.

**Ameron makes no other warranties concerning the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply. In no event shall Ameron be liable for consequential or incidental damages.**

Any recommendation or suggestion relating to the use of the products made by Ameron, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.



Ameron U.S.A. • 13010 Morris Rd., Suite 400, Alpharetta, GA 30004 • (678) 393-0653  
Ameron BV • J. F. Kennedylaan 7, 4191 MZ Geldermalsen, The Netherlands • (31) 345-587-587