



# PRODUCT DATA SHEET

## METALGUARD

### PREMIUM ZINC DUST PRIMER

# 334

#### DESCRIPTION

hallman/lindsay's **Foundations** is our complete line of specialty primers for your interior and exterior primer requirements.

METALGUARD PREMIUM ZINC DUST PRIMER is a rust inhibitive primer designed for application on weathered galvanized or slightly rusted galvanized surfaces. It also is designed for use on rusty metal surfaces. It offers excellent adhesion and may be used as a finish coat to reproduce the appearance of a weathered galvanized finish. It is an excellent primer under 100% Acrylic latex paint.

#### FEATURES

- ✓ Zinc Dust /Zinc Oxide
- ✓ Corrosion-Resistant
- ✓ Excellent Adhesion
- ✓ V.O.C Compliant
- ✓ Use as a Primer or a Finish Coat
- ✓ Does Not Contain Lead or Chromates
- ✓ Use under 100% Acrylic Latex

#### PERFORMANCE DATA

Performance alternate for Federal Paint Specifications TT-P-641 G type II

#### PRECAUTIONS/LIMITATIONS

- ✓ Please refer to Safety Data Sheets.
- ✓ Not for immersion service.
- ✓ Do not use over aluminum paints.
- ✓ Apply only if air, surface and material temperatures remain 50° F or above during application and drying.

#### TECHNICAL SERVICES

#### TECHNICAL DATA

- ✓ Color/Tinting:  
Gray. Do not tint.
- ✓ Vehicle Type:  
Alkyd
- ✓ Gloss: Satin  
20-30 units @ 60°
- ✓ Percent Solids by Weight:  
82% ± 2
- ✓ Percent Solids by Volume:  
56% ± 2
- ✓ Pigment by Weight:  
63% ± 2
- ✓ Vehicle Solids by Weight  
20% ± 2
- ✓ Recommended Spreading Rate:  
Apply at 400 sq.ft./gal. to achieve  
4.0 mils Wet Film Thickness  
2.2 mils Dry Film Thickness  
When calculating working coverage, allow for application losses, texture and porosity of surface, application technique, etc.
- ✓ Weight per Gallon:  
16.45 lbs.
- ✓ Drying Time at 77°F 50% R.H.:  
To touch: 4 hours  
Recoat: Overnight  
Extended drying time may be expected when conditions such as high humidity, high dew point, low temperature, etc are present. Allow product to dry thoroughly before topcoating.
- ✓ Thinning:  
Do not thin.
- ✓ Cleanup:  
Mineral Spirits.
- ✓ VOC:  
341 g/L      2.85 lbs./gal.

Products of Hallman/Lindsay Paints  
Sun Prairie, WI 53590

9 Finishes  
Painting (09900)



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## **SURFACE PREPARATION**

Surfaces must be dry, clean and free of dirt, dust, grease, oil or any other contaminants that may prevent proper adhesion. All rust and mill scale should be removed by wire brushing, power tool removal or sand blasting. Best results are obtained over a surface sandblasted to a commercial blast (SSPC-SP6). Galvanized surfaces shall have all oils and passivators removed prior to application of coating. 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 a 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](http://www.epa.gov/lead).

## **hallman/lindsay FINISH RECOMMENDATIONS**

Latex: 172, 174, 176 or 178

## **APPLICATION**

Mix thoroughly before use. Apply by brush, roller, airless, HVLP or conventional spray. Flow and leveling is best achieved by applying a full, uniform coating and working to a wet edge using overlapping strokes.

## **EQUIPMENT REQUIREMENTS**

- ✓ Airless: Minimum ¾ GPM with .019" tip @ 2700 psi
- ✓ Conventional: Binks #7 gun, 38 needle, 36 air nozzle, 38 fluid nozzle, 9.3 CFM @ 30 PSI
- ✓ HVLP: Twin-stage turbine, 5 – 8 PSI, .051 to .070 projector set
- ✓ Roller: ¼" – ½" shed-resistant cover or lambswool cover
- ✓ Brush: Natural china bristle or synthetic blend



### **FACTORY & MAIN OFFICES**

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