



PRODUCT DATA SHEET

METALGUARD DTM

ACRYLIC METAL PRIMER/FINISH

338N

DESCRIPTION

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

METALGUARD DTM ACRYLIC METAL PRIMER/FINISH is a waterborne acrylic, rust-inhibitive primer/finish. It may be used to prime and finish both interior and exterior ferrous and galvanized metal surfaces. It does not contain lead, chromates or heavy metals. It is low in VOC and dries quickly.

May be top coated with latex, acrylic, standard alkyd or waterborne epoxy products.

FEATURES

- ✓ Rust-Inhibitive
- ✓ Low-VOC
- ✓ Soap and Water Cleanup
- ✓ Low-Odor
- ✓ Quick Drying
- ✓ Prime and Finish with Same Product or Allows the use of Variety of Topcoats
- ✓ May Be Applied by Brush, Roller or Spray

PERFORMANCE DATA

- ✓ **Meets criteria set forth by the U.S. Green Building Council LEED-NC, version 2.2 and LEED-CI version 2.0. for Anticorrosive Paint**
- ✓ Performance alternate for Federal Paint Specifications MIL-P-28577B, TT-P-1975
- ✓ Performance alternate for Master Painters Institute (MPI) Category #134

PRECAUTIONS/LIMITATIONS

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

TECHNICAL SERVICES



FACTORY & MAIN OFFICES
 Ph. 608/834-8844
 Fax 608/837-1064
www.hallmanlindsay.com

TECHNICAL DATA

- ✓ Color/Tinting:
White. May be tinted.
- ✓ Vehicle Type:
Acrylic
- ✓ Gloss: Satin
25-30 units @ 60°
- ✓ Percent Solids:
Weight: 48% ± 2
Volume: 38% ± 2
- ✓ Recommended Spreading Rate:
Apply at 300-350 sq.ft. /gal. to achieve
4.7-5.3 mils Wet Film Thickness
1.7-1.9mils Dry Film Thickness
When calculating working coverage, allow for application losses, texture and porosity of surface, application technique, etc.
- ✓ Drying Time at 77°F 50% R.H.:
To touch: 40 minutes
Recoat: 1 hour
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/Cleanup:
Water
- ✓ VOC:
165 g/L 1.38 lbs./gal.

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). Performance will be directly related to the degree of surface preparation. Galvanized surfaces shall have all oils 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.

hallman/lindsay FINISH RECOMMENDATIONS

INTERIOR

Latex: 251, 252, 260, 264, 270, 280, 284, 285, 295, 296, 317, 318 or 338
Alkyd: 241, 242, 276, 290 or 311
Epoxy: 542, 544

EXTERIOR

Latex: 154, 156, 174, 178, 317, 318 or 338
Alkyd: 276, 311 or 320

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. Reducing material for spray application should not exceed 10%.

EQUIPMENT REQUIREMENTS

- ✓ Airless: Minimum ¾ GPM with .015" tip @ 2500 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" nap shed-resistant cover or lambswool cover
- ✓ Brush: 100% nylon or synthetic blend



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This technical bulletin is intended only as a source of information and, to the best of our knowledge, the information herein is correct. However, since conditions of the use of our product are beyond our control, the final determination of any information or of the material for the use contemplated is the sole responsibility of the user.