



TECHNICAL DATA SHEET

Metal Master (MM-3755)

High Performance White Industrial Primer

Description

Lanco® Metal Master™ is a premium quality high-build and fast-drying corrosion resistant metal primer containing rust inhibitive pigments for exterior or interior applications that adheres tightly to clean metal and top coats and is widely used as production primer and shop coat. Lead-free; may be applied by brush or spray

Product Advantages

- Corrosion resistant
- High build
- Ready to spray
- Fast drying
- Durable
- Rust inhibitive

Product Uses

To protect metal surfaces such as window frames and casings, railing fences, machinery and equipment in industrial, institutional, residential and farm applications. For use on iron and steel surfaces to protect against wind, rain, sunlight, high humidity, and mild acidic industrial fumes or splash. Excellent primer coat for alkyd, oil, epoxy ester or latex type finishes; also ideal on well cleaned structural steel, metal trim, pipes, sashes, etc.

Technical Data

SOLIDS: 67.50 ± 1% by weight
47.30 ± 1% by volume

V.O.C LEVEL: 420 g/L

WEIGHT / GALLON: 11.30 ± 0.5 lbs.

FINISH: Flat (2°-5°)
*Geometry 60°

FLASH POINT: 130°F TOC

FIRE RATING: Class A

VISCOSITY: 68-78 Ku's

**SUGGESTED FILM THICKNESS,
COVERAGE PER COAT:**
2.4 mils wet, 1.2 mils dry
575-600 sq ft/ gal

*Coverage figures do not include surface porosity, irregularities & material loss due to application methods.

DRYING TIME@ 77°F @ 50% RH:

Temperature and humidity
dependent.

To touch: 30 minutes

To recoat: 8 hours

BASE/COLOR: MM3755/ White

Technical Compliance:

AIM: passes
OTC: passes

Application

Stir thoroughly before using. Paint always on shaded side of the building. Read all label and Safety Data Sheets (S.D.S.) information prior to use.

BRUSH: Use a high quality nylon or polyester brush.

ROLLER: Use a ½" to 1" nap roller cover, depending on the substrate texture.

AIRLESS SPRAY: Use a tip size from .015" to .021".

MIXING: Always mix thoroughly before and during application.

THINNING: This product is not to be thinned.

CLEANUP: Clean all equipment immediately after use with mineral spirits. Completely flush all spray equipment with this solution.

Surface Preparation

Surface must be completely dry and in sound condition. All surfaces must be clean and free of contaminants such as form and release agents, dirt, grease, mildew, oil, rust, chalk, efflorescence, organic growth, mildew and non-adherent material. Gloss finishes should be sanded or de-glossed. Feather sand rough edges and spot prime bare areas. SSPC-SP2 Hand Tool or SSPC-SP3 Power Tool Cleaning is recommended as a minimum. For best performance, SSPC-SP6 Commercial Blast Cleaning is recommended.

STEEL AND ALUMINUM: Remove rust by hand or power tool cleaning (SSPC-SP 2-63 or SP 3-63) and prime with LANCO® Ultra Durex Primer™ or LANCO® Metal Master Primer™.

PREVIOUSLY PAINTED SURFACES:

SURFACES IN GOOD CONDITION: Sand any glossy areas by brush blasting (SSPC-SP 7-63) and dust clean.

SURFACES IN POOR CONDITION: If paint is old, loose, peeling or badly weathered, repair and clean surface by sanding, brush blasting (SSPC-SP 7-63) or other methods in order to provide a sound surface. Apply a full coat of primer as recommended.

MILDEWED SURFACES: Any existing mildew on the surface must be killed and removed prior to the application of this product. Any mildew not removed may continue to grow through the new finish. Using a long-handled brush, scrub mildewed surfaces with a mixture of one quart of household bleach and three quarts of warm water. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach / water solution.

General Information

PRECAUTION: For professional use. Do not add water or other solvents to this product.

LIMITED WARRANTY: The manufacturers liability in connection with the sale of this product extend only to the replacement price if it should fail to comply with quality standards or specifications.

CAUTION: Harmful if swallowed. In case of eye contact, flush thoroughly with water. Do not rub eyes. In case of skin contact, flush area immediately with clean water. If swallowed, do not induce vomiting. Consult a physician immediately. Use only with adequate ventilation. Adequate ventilation required when sanding or abrading the dried film. Always use NIOSH/MSHA TC21C or equivalent.) Goggles are recommended while handling the product. 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 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. For chemical emergency call ChemTrec 1-800-424-9300. PROTECT FROM FREEZING.

S.D.S.: Available upon request.

The information presented on this Technical Data Sheet is based on testing conducted by Lanco® Paints & Coatings. No guarantee of accuracy, comprehensiveness, or performance is given or implied. Information and recommendations are subject to change dependent on surface conditions (substrate), weather and method of application. Please consult with a Lanco Representative or visit www.lancopaints.com for complete, up-to-date technical information.

