



Prime Line® Primer 1703

Product Description:

A versatile alkyd, rust inhibitive primer. Universal Metal Primer can be applied to structural steel or other ferrous metal and will accept a variety of corrosion and chemical resistant top coats. Prime Line Universal Metal Primer is especially advantageous when used on ferrous metal that will be exposed to prolonged periods of time on job sites before top coating.

Recommended Use:

Priming structural steel, tanks and piping. Well suited for fabricating shops and OEM applications, where the generic type of finish coat is unknown. May also be used as a barrier coat between conventional finishes and specialized top coats.

Application:

WARNING! If you scrape, sand or remove old paint from any surface, 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Remove all oil, grease, dirt, loose or scaling paint, rust, mill scale and other contaminants.

FERROUS METAL - Industrial structures, equipment, tank exteriors, and structural steel should be "Commercial" blast cleaned (SSPC-SP6) if at all possible or be "Power Tool" cleaned (SSPC-SP3) as an alternative. Priming must be done as soon as possible after rust removal procedure is completed.

GALVANIZED METAL - Should be pretreated with Grip-Coat #6906 Vinyl Wash Primer.

PREVIOUSLY PAINTED SURFACES - Prepare ruptured or scratched surfaces as for unfinished metal. Spot prime or apply a complete prime coat as conditions dictate.

BARRIER COAT - Apply a coat of Prime Line Universal Metal Primer to a small area to test for adhesion or bleeding. If there is evidence of either poor adhesion or bleeding, remove film to bare substrate and treat as new work.

Architectural Specifications:

PRIMERS & FINISHES: Compatible primers should always be used for specified surfaces. Two finish coats are usually recommended over primed surfaces to achieve desired mil thickness protection.

- FERROUS METAL
1 coat Prime Line® Universal Primer 1703
1 or 2 coats Alkyd Enamel
• PREVIOUSLY PAINTED METAL
Spot prime bare metal with Prime Line® Universal Metal Primer 1703
1 or 2 coats - Products as listed above

Precautions:

Do not use for immersion service. Not recommended for direct application over alkaline substrates such as cement, plaster, and galvanized steel. Do not mix with other types of paint or primers. Air and surface temperature should be above 40°F during application. Primer should not be left unprotected for extended periods of time. SHIPPING AND STORAGE INFORMATION

Safety Information:

CAUTION: COMBUSTIBLE CONTAINS: PETROLEUM DISTILLATE Keep away from heat and flame. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave the area. Close container after each use. Avoid contact with skin. Use with adequate ventilation. FIRST AID: In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call a physician. For skin, wash thoroughly with soap and water. If swallowed, call a physician immediately. Never give anything by mouth to an unconscious person. Remove contaminated clothing, including shoes. Wash clothing before re-use. Discard contaminated shoes. NOTICE: Reports have associated repeated and prolonged occupational over-exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. FOR INDUSTRY USE ONLY KEEP OUT OF REACH OF CHILDREN

Product Specifications:

Type: Alkyd
Exposure: Interior or Exterior
Specular Gloss: @ 60° ±
Volume Solids: 44 % ±2
Solids by Weight: 66.7 % ±2
Vehicle: 56.5 % ±2
Pigment: 43.5 % ±2
Dry Film Thickness: 1.9 mils
Viscosity @ 77 °F: 83 KU ±5
Maximum VOC: 340 g/liter
Flash Pt °F: 103
Thinner: Mineral Spirits
Clean Up: Mineral Spirits

Available Colors and Bases:

Red

Available Package Sizes:

Gallon 5 Gallon

(Weight Per Gallon: 11 lbs. ± .5 lb)

Drying Times:

To Touch: 2 hrs.
To Handle: 4 hrs.
To Recoat: 4 hrs.

(@ 70-77 °F, 50% R.H.)

Surface Spread Rate:

Smooth: 350-400 s.f./gal.
Porous: s.f./gal.

(Spray Application is 50% of above)

Tools and Equipment:

- Brush - Natural Bristle
Roller - 3/8" Nap Synthetic Fiber
Airless Spray - .017 to .019 Tip