



Simco Coatings Inc.

Manufacturer of Military Spec.,
Corps of Engrs. Spec, Industrial, &
Marine Coatings

TECHNICAL DATA SHEET

SIMPRIME-138 **ONE COMPONENT, HIGH PERFORMANCE** **INDUSTRIAL & MARINE UNIVERSAL PRIMER**

DESCRIPTION: A one component, fast-drying, high solids alkyd, non-lifting, corrosion inhibitive lead and chromate free primer. It is recommended to be used on just about any paintable surface as an under coater. Also can be used for priming structural steel, bridge, metal roofing's and storage tanks in moderate chemicals environments. It is also suitable for use on superstructures and steel surfaces not normally exposed to water immersion. It can be used over alkyds to upgrade the painting system.

TECHNICAL DATA

GENERIC TYPE:	Modified, phenolic alkyd with rust inhibitive pigment
COLOR:	Gray, Red Brown
FLASH POINT:	81°F
SHELF LIFE:	One year (subject to re-inspection)
SOLIDS BY WEIGHT:	70.0%
SOLIDS BY VOLUME:	48.0%
VOLATILE ORGANIC COMPOUND (VOC):	3.40 lbs./gallon or 410 g/l
WEIGHT PER GALLON:	12.5 ± 0.2
RECOMMENDED DFT:	1.5 - 2.0 mils
DRY TEMP. RESISTANCE:	200°F
THEORETICAL COVERAGE:	Approx. 780 sq. ft./gallon @ 1 mil. DFT
DRYING TIME @ 75°F:	
(A) TO HANDLE:	1 hour
(B) TO TOPCOAT:	4 hours
THINNER:	Thinner # T-1

SURFACE PREPARATIONS: Prior to application of the primer/under coater, all surfaces to be painted must be clean, dry and free of all dirt, peeling paint, rust, oil, grease, wax and all other contaminants.

OLD PAINT: Sand with 120-200 grit sand paper and thoroughly clean the sand powder.

STEEL: All surfaces must be clean, dry and free from loose rust, scale. For best results, abrasive blast SSPC-SP6 commercial.

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APPLICATION: Brush, roller, spray.

SAFETY PRECAUTIONS:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights and electrical equipment.
- (D) Non-sparking shoes and tools for workers in the area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in the work area.
- (F) Avoid breathing of vapor, contact with skin and eyes.

NON-WARRANTY: The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information or of this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc., assumes no responsibility whatsoever for coverage, performance, or any other damages, including injuries resulting from use of this information or of products recommended herein.

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