

29 – 80 RED OXIDE ZINC CHROMATE UNIVERSAL PRIMER, BARRIER – TIE COAT

DESCRIPTION: PICCO 29 – 80 Red Oxide Zinc Chromate Universal Primer is a universal and tie coat type primer that accepts topcoating with a wide variety of topcoats (i.e. enamels, acrylics, lacquers, epoxies, polyurethanes, etc.). This primer is also used to tie primers/topcoats with weak solvent resistance to topcoats with strong solvents. It provides excellent corrosion protection in mild chemical environments and is therefore widely recommended for all types of industrial applications. This product meets the requirements of Federal Specification #TT-P-664.

TYPICAL USES INCLUDE

Storage Tanks and Piping
Machinery and Equipment

Structural Steel
Bridges

Industrial Equipment
General Purpose Shop Primer

TYPICAL PHYSICAL PROPERTIES:

COLOR: Reddish-Brown

COMPONENTS: One

GLOSS: Flat

MIXING RATIO (BY VOL.): N/A

WT./GALLON: 10.7 lbs

POT LIFE: N/A

VISCOSITY AT 77° F: 68 KU

SHELF LIFE: 2 Years

SOLIDS BY WEIGHT: 60%

TEMP. RESISTANCE: 225° F

SOLIDS BY VOLUME: 36%

CHEM. RESISTANCE: Moderate

THEORETICAL COVERAGE:
690 ft²/gal @ 1 mil dft

FLASH POINT: 85° F, TCC

V.O.C.: 4.6 lbs/gal

RECOMMENDED D.F.T.: 1.5 – 2 mils
DRY TIME: @ 77° F, 55% R.H.

To Touch: 5 - 15 Minutes
To Handle: 1 - 2 Hours
To Recoat: Acrylic and Alkyds: 1 – 2 Hours
Epoxies and Polyurethanes: Overnight

THINNING: Brush: T-43 (not recommended)
Spray: T-42

APPLICATION METHODS:
Spray, Dip, Electrostatic Spray

FILM THICKNESS:
Wet: 4.0 – 5.5 mils
Dry: 1.5 – 2.0 mils

APPLICATION EQUIPMENT:
CONVENTIONAL: DeVilbiss 510 Gun
E Tip + Needle, 704 Air Gap

AIRLESS: Graco 30:1 Pump, 613 Tip
or equivalent

CLEANING OF EQUIPMENT:
T-42 or T-73

PACKAGING:

1 Gallon Cans

5 Gallon Pails

55 Gallon Drums

APPLICATION CONDITIONS:

Surface should be dry, above 40° F and at least 5° F above the dew point.

SURFACE PREPARATION:

Remove all grease, oil, dirt, dust or other contaminants.

PREFERRED: SSPC-SP6 Commercial Blast Cleaning

MINIMUM: SSPC-SP2 and 3 Hand and Power Tool Cleaning

PREVIOUSLY PAINTED SURFACES:

Remove all grease, oil, dirt, dust or other contaminants by Hand or Power Tool Cleaning.

Surface must be clean and dry, SSPC-SP2 or 3 or Brush-Off Blast Cleaning SSPC-SP7.

Spot prime all bare areas.

RECOMMENDED TOP COAT:

All PICCO Alkyd Enamels, Acrylics, Epoxies, and Polyurethanes. For other topcoats, contact your PICCO representative.

SAFETY INFORMATION**DOT CLASSIFICATION: PAINT UN 1263**

DANGER: Causes eye burns and skin irritation. Vapor harmful. Dried film of this paint may be harmful if eaten or chewed. Contains organic solvent. Some products contain lead depending upon color. Do not get in eyes, on skin or on clothing. Wear eye protective equipment when handling. Keep away from heat, sparks, and flame. Avoid breathing vapor or mist. Wash thoroughly after handling. Wear appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable level. Follow respirator manufacturer's directions for use. Keep container closed. Where products contain lead, do not use in dwellings or on surfaces accessible to children. Keep out of reach of children.

FIRST AID: IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. FOR SKIN CONTACT, FLUSH WITH WATER AND WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE REUSE. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH, AND CALL A PHYSICIAN.

NOTICE: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or **fatal**.

FOR INDUSTRIAL USE ONLY