MANUFACTURERS OF
INDUSTRIAL COATINGS

PICCO COATINGS CO.

TECHNICAL
DATA SHEET

68-90
ZINC-RICH EPOXY-POLYAMIDE PRIMER

DESCRIPTION: PICCO 68-90 Zinc-Rich Epoxy-Polyamide Primer is a two component corrosion and chemical resistant coating that provides excellent protection on steel surfaces in severe marine and industrial environments. PICCO 68-90 Zinc-Rich Epoxy-Polyamide Primer may also be used to repair inorganic zinc primers and other coatings. PICCO 68-90 Zinc-Rich Epoxy-Polyamide Primer is recommended for oil production rigs and platforms, marine vessels and structures, chemical refineries, and industrial equipment subjected to aggressive environments. For optimum resistance properties, PICCO 60 – Series Epoxy-Polyamide, PICCO 63 – Series Epoxy Primer/Finish, and PICCO 72 – Series High Solids Aliphatic Polyurethanes are recommended as topcoats.

TYPICAL USES INCLUDE

Offshore Equipment	Marine Vessels	Storage Tanks and Piping
Petro Chemical Industries	Oil Production Rigs	Immersion Services

TYPICAL PHYSICAL PROPERTIES:

COLOR: Reddish-Gray

COMPONENTS: Two

GLOSS: Semi-Gloss

MIXING RATIO (BY VOL.): 4:1
- **MIX WITH 68-100 HARDENER**

WT./GALLON: 18.9 lbs

POT LIFE: 8 hours

VISCOSITY AT 77º F: 80 KU

SHELF LIFE: 2 Years

SOLIDS BY WEIGHT: 78 %

SOLIDS BY VOLUME: 51 %

TEMP. RESISTANCE: 200ºF

CHEM. RESISTANCE: Aggressive Chemical Exposure

THEORETICAL COVERAGE:
818 ft^2/gal @ 1 mil dft

FLASH POINT: 60º F, TCC

V.O.C.: 3.42 lbs/gal

RECOMMENDED D.F.T.: 3.0 – 8.0 mils/coat

DRY TIME: @ 77º F, 55% R.H.

To Touch:	1 – 2 Hours
To Handle:	8 Hours
To Recoat:	8 Hours

THINNING: Brush: T-601 (5% - 15%)
Spray: T-601 (10% - 20%)

APPLICATION METHODS:
Brush, Roll, Spray

FILM THICKNESS:

Wet:	5.9 – 15.7 mils per coat
Dry:	3.0 – 8.0 mils per coat

APPLICATION EQUIPMENT:

AIRLESS: Graco 30:1 Pump, 615 Tip or equivalent

CLEANING OF EQUIPMENT:
T-601 or T-42

PACKAGING:

Base: Ones – 80% Fill (0.80 gal)
Fives – 80% Fill (4.0 gal)

Activator: Quarts – 80% Fill (0.20 gal)
Ones – 100% Fill (1.0 gal)

APPLICATION CONDITIONS:

Surface should be dry, above 50º F and at least 5º F above the dew point.

SURFACE PREPARATION:

Remove all grease, oil, dirt, dust or other contaminants.
NORMAL SERVICE: SSPC–SP6 Commercial Blast Cleaning

CORROSIVE SERVICE: SSPC–SP6 Commercial Blast Cleaning or SSPCC–SP10 Near White Metal Blast Cleaning.

IMMERSION SERVICE: SSPC–SP10 Near White Metal Blast Cleaning.

PREVIOUSLY PAINTED SURFACES:

Remove all grease, oil, dirt, dust or other contaminants. Surface must be clean and dry. Remove all rust, rust scale, chalk, and loose peeling paint by SSPC–SP2 or 3 Hand or Power Tool Cleaning, or SSPC-SP7 Brush-Off Blast Cleaning.

RECOMMENDED TOP COAT:

Use PICCO 60 – Series Epoxy-Polyamide or PICCO 63 – Series Epoxy Primer/Finish. For optimum aesthetic results, topcoat with PICCO 72 – Series Polyurethanes.

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. Do not get in eyes, on skin or on clothing. Wear protective eye 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. 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 LAUNDER 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