

60 – SERIES EPOXY-POLYAMIDE

DESCRIPTION: PICCO 60 – Series Epoxy-Polyamide finish coats are two component corrosion and chemical resistant coatings that provide excellent protection on steel and concrete surfaces. PICCO 60 – Series Epoxy-Polyamide finish coats provide protection from a variety of aggressive chemical and industrial atmospheres which cause typical coatings to fail. The epoxy resin contributes chemical, solvent, and water resistance. The co-reactant polyamide resin increases surface wetting and adhesion, pot life, flexibility, and toughness. PICCO 60 – Series Epoxy-Polyamides are recommended for oil production rigs and platforms, marine vessels and structures, chemical refineries, and industrial equipment subjected to aggressive compounds. For aesthetic appearance, PICCO 70 – Series Acrylic Polyurethanes are recommended as topcoats.

TYPICAL USES INCLUDE

Offshore Equipment
Petro Chemical Industries

Marine Vessels
Oil Production Rigs

Storage Tanks
Shipbuilding

TYPICAL PHYSICAL PROPERTIES:

COLOR: Standard Colors

COMPONENTS: Two

GLOSS: Semi-Gloss

MIXING RATIO (BY VOL.): 4:1
• MIX WITH 60-100 HARDENER

WT./GALLON: 10.5 lbs

POT LIFE: 10 hours

VISCOSITY AT 77° F: 77 KU

SHELF LIFE: 2 Years

SOLIDS BY WEIGHT: 72%

SOLIDS BY VOLUME: 55%

TEMP. RESISTANCE: 250F

CHEM. RESISTANCE: Severe Chemical Exposure

THEORETICAL COVERAGE:
810 ft²/gal @ 1 mil dft

FLASH POINT: 70° F, TCC

V.O.C.: 3.2 lbs/gal

RECOMMENDED D.F.T.: 2.0 – 4.0 mils/coat

DRY TIME: @ 77° F, 55% R.H.

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

THINNING: Brush: T-601 (5% - 10%)
Spray: T-602 (5% - 15%)

APPLICATION METHODS:
Brush, Roll, Spray

FILM THICKNESS:

Wet: 4.0 – 8.0 mils per coat
Dry: 2.0 – 4.0 mils per coat

APPLICATION EQUIPMENT:

CONVENTIONAL: DeVilbiss 510 Gun
E Tip + Needle, 704 Air Cap

AIRLESS: Graco 30:1 Pump,
.017-.021 Tip or equivalent

CLEANING OF EQUIPMENT:
T-601 or Xylene

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 50° F and at least 5° F above the dew point.

SURFACE PREPARATION:

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

NORMAL SERVICE: SSPC – SP2 and SP3 Hand and Power Tool Cleaning.

CORROSIVE SERVICE: SSPC – SP6 Commercial Blast Cleaning or SSPC – SP10 Near White Metal Blast Cleaning. Prime with PICCO 68 – Series Epoxy-Polyamide Primer.

IMMERSION SERVICE: SSPC – SP10 Near White Metal Blast Cleaning. Prime with PICCO 68 – Series Epoxy-Polyamide Primer.

CONCRETE SERVICE: Surfaces should be lightly sandblasted and/or acid etched with 99-8010. If acid etching is used, the surface should be rinsed with fresh water and allowed to dry thoroughly before application of the Epoxy Coating.

Note: Concrete must be cured for at least 28 days prior to application of Epoxy Coating.

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 SP3 Hand or Power Tool Cleaning, or SSPC – SP7 Brush-Off Blast Cleaning.

RECOMMENDED PRIMER / TOP COAT:

Use PICCO 68 – Series Epoxy-Polyamide Primer for optimum results. Excellent topcoat over inorganic zinc primers. Topcoat with PICCO 70 – 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 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 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