

63 – SERIES EPOXY PRIMER/FINISH

DESCRIPTION: PICCO 63 – Series Epoxy Primer/Finish is a low VOC, two component corrosion and chemical resistant coating that provides excellent protection on steel and concrete surfaces. PICCO 63 – Series Epoxy Primer/Finish provides 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 resin increases surface wetting and adhesion, pot life, flexibility, and toughness. PICCO 63 – Series Epoxy Primer/Finish is recommended for oil production rigs and platforms, marine vessels and structures, chemical refineries, and industrial equipment subjected to aggressive compounds. For long term aesthetic appearance, PICCO 72 – Series High Solids 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 63-100 HARDENER

WT./GALLON: 12.1 lbs

POT LIFE: 10 hours

VISCOSITY AT 77° F: 120 KU

SHELF LIFE: 2 Years

SOLIDS BY WEIGHT: 80%

SOLIDS BY VOLUME: 66%

TEMP. RESISTANCE: 200°F

CHEM. RESISTANCE: Severe Chemical Exposure

THEORETICAL COVERAGE:
1058 ft²/gal @ 1 mil dft

FLASH POINT: 60° F, TCC

V.O.C.: 2.05 lbs/gal, 245 grams/L

RECOMMENDED D.F.T.: 4.0 – 8.0 mils/coat

DRY TIME: @ 77° F, 55% R.H.

To Touch: 1 - 2 Hours
To Handle: 8 Hours
To Recoat: 4 Hours

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

APPLICATION METHODS:
Brush, Roll, Spray

FILM THICKNESS:

Wet: 6.0 – 12.0 mils per coat
Dry: 4.0 – 7.9 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 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 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.

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

CONCRETE SERVICE: Surfaces should be lightly sandblasted and/or acid etched. If acid etching is used, the surface should be rinsed with fresh water and allowed to dry thoroughly before application of the PICCO 63 – Series Epoxy Primer/Finish.

Note: Concrete must be cured for at least 28 days prior to application of PICCO 63 – Series Epoxy Primer/Finish.

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:

Excellent topcoat over epoxy primers or inorganic zinc primers.
Topcoat with PICCO 72 – Series High Solids Acrylic 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