

PICCOMASTIC PC50 BITUMINOUS COAL TAR MASTIC

DESCRIPTION: PICCOMASTIC PC50 Bituminous Coal Tar Mastic is a single component, self-priming, corrosion resistant coating that provides excellent protection on steel and concrete surfaces in severely corrosive environments such as fresh water and seawater immersion, exposure to tidal and splash zones, and underground burial. PICCOMASTIC PC50 Bituminous Coal Tar Mastic is ideally suited for corrosion protection of below grade metallic pipe, couplings, valves, fittings, tanks, and other irregularly shaped metallic items. PICCOMASTIC PC50 Bituminous Coal Tar Mastic is easily applied by brush, roller, or spray. PICCOMASTIC PC50 Bituminous Coal Tar Mastic is recommended for underground pipe work and tanks, oil production rigs and platforms, marine vessels and structures, chemical refineries, and industrial equipment subjected to fresh and salt water corrosion.

TYPICAL USES INCLUDE

Offshore Equipment
Petro Chemical Industries

Marine Vessels
Oil Production Rigs

Storage Tanks and Pipelines
Pipe Fittings and Valves

TYPICAL PHYSICAL PROPERTIES:

COLOR:	Black
COMPONENTS:	One
GLOSS:	Semi-Gloss
WT./GALLON:	10.9 lbs
VISCOSITY AT 77° F:	15,000 cps
SHELF LIFE:	2 Years
SOLIDS BY WEIGHT:	79%
SOLIDS BY VOLUME:	68%
TEMP. RESISTANCE:	180°F
CHEM. RESISTANCE:	Mild Chemical Exposure
THEORETICAL COVERAGE:	60 ft ² /gal @ 18 mil dft
FLASH POINT:	81° F, TCC
V.O.C.:	2.28 lbs/gal

RECOMMENDED D.F.T.: 12 – 18 mils/coat

DRY TIME: @ 77° F, 55% R.H.

To Touch: 12 Hours
To Handle: 24 Hours
To Recoat: 24 Hours

THINNING: Brush: Not Recommended
Spray: T-42 (5% - 15%)

APPLICATION METHODS:
Brush, Roll, Spray

FILM THICKNESS:

Wet: 18 – 26.0 mils per coat
Dry: 12.0 – 18.0 mils per coat

APPLICATION EQUIPMENT:

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

CLEANING OF EQUIPMENT: T-42

PACKAGING:**Base:** Ones – 100% Fill (1.0 gal)

Fives – 100% Fill (5.0 gal)

APPLICATION CONDITIONS:

Surface should be dry, above 50° F and at least 5° F above the dew point. Do not use this material in dead ends or stagnant and low flow areas or inside potable water tanks.

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 with Muriatic Acid. If acid etching is used, the surface should be rinsed with fresh water and allowed to dry thoroughly before application of the PICCOMASTIC PC50 Bituminous Coal Tar Mastic.

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

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:

Let cure at least 24 hours or dry-to-touch prior to backfilling or applying a second coat. Contact Picco Coatings for specific application recommendations.

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. 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