



IMA – 700
COROPOXY®
 Polyamide Coal Tar
 61-2
 Rev. 05/09

Coronado Industrial Coatings - 308 Old County Road · Edgewater, Florida 32132 · 800-883-4193 · FAX 800-394-9022

COROPOXY® Polyamide Coal Tar 61-2

Type	Sheen	Theoretical Spread Rate	Recommended Application	Thinner	Clean Up
Epoxy Polyamide	Flat	142 ft ² @ 8 Mills DFT 71 ft ² @ 16 Mills DFT	Airless (Preferred), Brush and Roll for small areas	Xylene	Xylene
Touch Dry Time: 4 Hr. @55°F 2 Hr. @77°F 1 Hr. @100°F		Min Recoat:	24 Hrs. @55°F 12 Hrs. @77°F 6 Hrs. @100°F	Max Recoat :	144 Hrs. @55°F 72 Hrs. @77°F 36 Hrs. Days @100°F

PRODUCT NAME: 61-2 COROPOXY® Polyamide Coal Tar	<p>COROPOXY® Polyamide Coal Tar is a high solids, two component tar filled coating that provides excellent film build in one or two coats. The high level of cross-linking provides an excellent barrier coat for immersion service in fresh water, salt water or waste water. Additionally, this product is resistant to many acids, alkalis and mild solvents in splash and spill exposures. The high build of this product provides an excellent non-conductive film for use between dissimilar metals. This product may be applied direct to prepared ferrous metal and concrete, however, a primer is recommended for maximum life expectancy.</p> <p>This is a two component product that requires 4 parts of the proper "A" or Base Component mixed with 1 part of the proper "B" or Converter Component.</p>	
WHERE TO USE:	Properly prepared and/or primed Steel, Iron, Concrete, and non-ferrous metals	<p>COROPOXY® Polyamide Coal Tar is designed for the waste water treatment, chemical processing, pulp and paper, and industrial maintenance markets or anywhere a tar filled polyamide epoxy is required for excellent resistance to water, chemicals and underground exposures.</p>
SURFACE PREPARATION:	<p>The performance of this product is directly dependent upon the degree of surface preparation employed. All dirt, oils and accumulated salts must be removed prior to employing specific surface preparation methods. Solvent washing in accordance with SSPC-SP1 will best accomplish this task.</p> <p>STEEL: Non-Immersion requires Hand Tool Cleaning (SSPC-SP2) or Power Tool Cleaning (SSPC-SP3) or for best results, Commercial Blast Cleaning (SSPC-SP6) followed by the proper primer (See Primer Section). May be applied direct to ferrous metal in atmospheric exposures.</p> <p>Immersion service requires Near White Metal Blast (SSPC-SP10) followed by the proper primer.</p> <p>CONCRETE: Must have form/release agents removed by pressure washing or other suitable methods. Acid etching or abrasive blasting may be required to properly open the surface. May be applied direct to concrete or for best results, use the proper primer (See Primer Section).</p> <p>NON-FERROUS METALS: Solvent Wash (SSPC-SP1) as indicated above. Rusted areas on galvanized metal should be removed by Hand Tool Cleaning (SSPC-SP2) or Power Tool Cleaning (SSPC-SP3). Non-Ferrous metals should be primed for best results.</p> <p>Please consult Technical Service for other surface preparations or for use in severe environments.</p>	
APPLICATION:	<p>Mix each individual component thoroughly prior to inter-mixing the two. "A" and "B" must be combined together (4:1 ratio) and thoroughly mixed and then allowed to induct for a period of 30 minutes. The use of a drill mixer at low speed will best accomplish this task. Do not mix partial containers. Thin with Xylene ONLY. SEE THINNING INSTRUCTIONS ON PAGE THREE.</p> <p>Airless Spray (Preferred Method): A 30:1 pump (minimum) is required to adequately spray this product. Tip range between 25 and 31 thousandths. Total fluid output pressure at tip should not be less than 2400 psi.</p> <p>Air Spray (Pressure Pot): Not recommended due to excessive amount of thinner necessary to atomize.</p> <p>Brush: Stiff Natural Bristle only.</p> <p>Roller: Industrial Cover with Phenolic core.</p> <p>NOTE: Recoat times are critical with this product. See Recoat times listed above.</p>	
*NOTE ON SPREAD RATE:	<p>Actual spread rate will vary based upon numerous factors, including texture of the substrate, application method, waste, surface porosity and thinning. The Theoretical Spread Rate listed on this document has not taken into account these factors and is only based upon the volume solids of this product and the recommended wet film thickness when applied to a smooth substrate.</p>	

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STORAGE:	24 months at 77°F in original unopened container. Prolonged storage at higher temperatures can shorten the shelf life. Store in dry, shaded area, away from heat and ignition sources. Protect from frost.
TINTABILITY:	COROPOXY® Polyamide Coal Tar is only available in black and is not tintable.
RESIN TYPE:	Epoxy / Polyamide
VOLUME SOLIDS (Mixed):	71.6 ± 2%
WEIGHT PER GALLON (Mixed):	11.0 lbs.
MIX RATIO:	4:1
INDUCTION TIME:	1 Hour @ 55°F / 30 Min. @ 77°F / 15 Min. @ 100°F
POT LIFE:	12 hrs. @ 55°F / 6 hrs. @ 77°F / 3 hrs. @ 100°F
FLASH POINT:	85°F. (TT-P-141, Method 4293)
SPECULAR GLOSS:	3 - 5 units @ 60°
WET FILM THICKNESS:	11.3 to 22.6 mils
DRY FILM THICKNESS:	8.1 to 16.2 mils
VOC/VOS STATEMENT (Mixed):	This product contains a maximum of 250 grams VOC/VOS per liter of coating. (2.1 lbs./gal.)
OTC CATEGORY:	This product is compliant under the Ozone Transport Commission regulations as an Industrial Maintenance Coating.
CAUTIONS: (Mixed)	<p style="text-align: center;">DANGER!</p> <p>FLAMMABLE LIQUID AND VAPOR. HARMFUL IF INHALED. VAPOR HARMFUL. CAUSES EYE AND SKIN IRRITATION. HARMFUL OR FATAL IF SWALLOWED.</p> <p>Contains: Coal Tar Pitch, which can cause cancer, Polyamides, Epoxy Resin, Xylene and Ethylbenzene. The risk of cancer depends on duration and level of exposure. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes eye, skin, lung, nose and throat irritation. May cause allergic skin and allergic respiratory reaction. May be harmful if absorbed through skin. Harmful or fatal if swallowed. Call physician immediately. NOTICE: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Keep away from heat, sparks and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.</p> <p>Use only with adequate ventilation. Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow manufacturer's directions for respirator use. Do not get in eyes, on skin or clothing. Wash thoroughly after handling.</p> <p>First Aid: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Destroy contaminated shoes. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. Call physician immediately.</p> <p>If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.</p> <p>DANGER – Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed, water-filled metal container.</p> <p>Warning: This product contains chemicals known to the state of California to cause cancer and birth defects, or other reproductive harm.</p> <p style="text-align: center;">Obtain and read the MSDS prior to using this product.</p> <p style="text-align: center;">KEEP OUT OF REACH OF CHILDREN</p> <p style="text-align: center;">FOR INDUSTRIAL USE ONLY</p>

TEST DATA

Salt Spray (ASTM B117) 2 coats over 1201 Line primer (1000 Hours)	Face Corrosion-None Face Blistering-None Rating-10, Rust-0.00%
Humidity (ASTM D4585) (Same system as above 1000 Hours)	Face Corrosion-None Face Blistering-None Rating-10, Rust-0.00%
Adhesion (ASTM D3359)	5B
Steam Resistant	Yes
Dry Heat Resistance	250°F
Wet Heat Resistance	180°F
Flexibility (ASTM D1737)	Pass 1/8" Mandrel
Accelerated Weathering (ASTM G53)	500 hours, no change
Sag (ASTM D4400)	25 mils +

CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)

Fresh Water	Excellent
Salt Water	Excellent
Waste Water	Excellent
Acids	Good
Alkalis	Good
Solvents	Fair
Fuel	Fair
Acidic Salt Solutions	Good
Alkaline Salt Solutions	Good
Neutral Salt Solutions	Good

QUALIFICATIONS

Meets Army Corps of Engineers C-200
Meets SSPC Paint 16
Meets Performance Requirements of DOD-P-23236

**SYSTEMS RECOMMENDATIONS
COMPATIBLE PRIMERS & INTERMEDIATES**

PRIMERS: 1201 Line, 1147 Line, 820 Line, 1147 Line, 317-200, 113 Line, 101-10, 1433-10, 1447-10, 3835-145, 3803-692, 954-11
INTERMEDIATES: 111-111, 113 Line, 3821-111, 3807-691
For primers / intermediates other than listed above, or for usage in severe environmental conditions, please consult with Coronado Industrial Coatings technical service.

WARRANTY

Coronado Paint Company warrants its products to be free from defects in materials and workmanship. Coronado Paint Company's sole obligation and the purchaser's exclusive remedy shall be limited, at Coronado Paint Company's option, to either replacement of nonconforming products or credit to the purchaser's account in an amount not greater than the original purchase price of the nonconforming products. Any claim under this warranty must be made by the purchaser, in writing to Coronado Paint Company, within ten (10) days of the purchaser's discovery of the claimed defect, but not later than the expiration of the applicable shelf life, or one year from the original delivery date, whichever is earlier. Purchaser's failure to notify Coronado Paint Company of any nonconformance as required shall bar the purchaser from recovery under this warranty.

Coronado Paint Company makes no other warranties, expressed or implied, such as merchantability or fitness for a particular purpose concerning its products. In no event shall Coronado Paint Company be liable for consequential or incidental damages.

Any recommendation or suggestion relating to the usage of products made by Coronado Paint Company, whether in the form of literature, data, or in response to specific inquiry, or otherwise is based upon information believed to be reliable; however the products and information are intended for use by skilled and knowledgeable purchasers, and is therefore for the purchaser to satisfy itself of the suitability of the products for its own specific use, and it shall be deemed that the purchaser has done so, at the sole discretion and risk. Variation in application conditions, ambient conditions or extrapolation of information may cause unsatisfactory results.

LIMITATION OF LIABILITY

Coronado Paint Company's liability on any claim, including claims based upon negligence, or strict liability for loss, or damage arising out of, connected with, or resulting from the use of products, shall in no case exceed the purchase price of the products directly giving rise to the claim. In no event shall Coronado Paint Company be liable for consequential or incidental damages.

THINNING RECOMMENDATIONS:

Do not thin more than local regulations allow.

DO NOT USE THINNERS OTHER THAN Xylene.

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NOTES:

