



## Polyamide Epoxy

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<b>Product Name:</b> <b>Polyamide Epoxy 101 Series</b>	Polyamide Epoxy is designed for maximum impact and abrasion resistance. It provides outstanding adhesion, is highly resistant to chemical and acid attack, plus the dried film does not support mold or fungi. Polyamide Epoxy is highly resistant to strong cleaning solutions. This coating may be used for immersion service in fresh or salt water. When applied in a specific system, using specified methods of surfaces preparations, proper primers, correct catalysts and allowing proper curing intervals. Coronado Polyamide Epoxy is U.S.D.A. and F.D.A. approved. Be sure the correct 'A' and 'B' components are mixed together or proper curing cannot occur.
<b>Where to use:</b>	<i>Steel, Galvanized, Concrete, Wood, Fiberglass.</i> Polyamide Epoxy is typically used to coat tanks, machinery, structural members, vats, tank wagons, floors, walls, boats, etc; Wherever a tile-like glaze is desired. This unique system offers the flexibility of using the "A" base necessary to achieve the color desired and then choosing the proper 'B' catalyst to produce the desired sheen and film build.
<b>Surface Preparation:</b>	The surface to be coated must be clean, dry and free of rust, dirt, oil, grease, laitance, form release agents or any other surface contaminates that could interfere with adhesion. STEEL: For immersion service, abrasive blast to SSPC-SP-10 near white metal. Prime with <u>101-147</u> , followed by <u>111-111</u> , then finish coat. For non-immersion service, abrasive blast to SSPC-SP-6 commercial blast, however conscientious power tool cleaning SSPC-SP-3 may be used. Prime with <u>101-147</u> , then apply one or two finish coats of 101 Series. CONCRETE: The surface must be free of surface contaminates and in sound condition. On bare concrete, apply one coat of <u>101-10 Clear Sealer</u> as directed, then one or two coats of 101 Series topcoats. For concrete floor applications, refer to Coronado Brochure IMA-1111. GALVANIZED: Remove any oils on new galvanized by washing with Sur-Prep I Oil and Grease Emulsifier. Loose zinc oxidation should be removed by power washing. Any rusted areas should be treated with Sur-Prep III Rust Remover. Apply one or two coats of 101 Series Polyamide Epoxy. <b>IMPORTANT</b> - For immersion service, Polyamide Epoxy must cure for a minimum of 7 days.
<b>Application:</b>	Polyamide Epoxy may be applied by brush, roller, airless or conventional spray. Stir component "A" thoroughly, then mix with component "B" in equal parts (1 to 1 ratio). Stir this mixture thoroughly and allow to induct for 30 minutes. Never mix more epoxy than can be used in 8 hours. For brush application, use a natural bristle brush. For rolling, use a short nap mohair cover. Polyamide Epoxy 101 Series may be recoated in 2 to 4 hours. When applying "A" component catalyzed with 101-252B Hi-Build, allow 4 to 6

hours before recoating. If more than 60 hours elapses between recoats, the previous coating will need to be sanded before recoating. Apply when surface and air temperatures are between 60° and 95°F.

<b>Heat Resistance:</b>	Dry: 300° F. Wet: 150° F.
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**NOTE: Formulated without mercury or lead.**

Bases & Colors	Resin Type	Solids	Spread Rate Per Gallon	Dry to Touch	Dry to Recoat	Full Cure
Gloss White, Black & 2 Bases	Polyamide Epoxy (1:1)	Weight - 66.0% Volume - 51.3%	up to 400 sq. ft.	1 Hour	2-4 hours	7 - 10 days
Semi-Gloss White, Black & 2 Bases	Polyamide Epoxy (1:1)	Weight - 72.2% Volume - 56.5%	up to 440 sq. ft.	1 Hour	2-4 hours	7 - 10 days
Hi-Build White, Black & 2 Bases	Polyamide Epoxy (1:1)	Weight - 75.0% Volume - 60.2%	up to 140 sq. ft.	1 Hour	4-8 hours	7 - 10 days

Weight Per Gallon	Viscosity	Flash Point	Specular Gloss @ 60 Degrees	Sag Rating	Recommended Film Thickness	Certification	VOC/VOS
-250B Gloss	80 - 90 K.U.'s	85° F	80 - 90%	Pass 8 mils	Wet - 4.0 mils Dry - 2.0 mils	Performance MIL-C-22750	Max. 3.50 lbs.
- 251B Semi-Gloss	80 - 90 K.U.'s	85° F	40 - 45%	Pass 8 mils	Wet - 3.6 mils Dry - 2.0 mils	Performance MIL-C-22750	Max. 3.20 lbs
- 252B Hi-Build	85 - 95 K.U.'s	85° F	80 - 90%	Pass 8 mils	Wet - 12.0 mils Dry - 7.0 mils		Max. 2.75 lbs