



Amine Adduct Water Based Epoxy

[\[Home Page\]](#)

Product Name: 142 Series Amine Adduct Cured Epoxy	<p>Coronado Water Based Amine Adduct Epoxy represents the latest in coatings technology. The water based formula saves time and labor costs due to less time needed between cleaning, etching or pre-treatments and application. The surfaces to be coated need not be completely dry before application of this product. Coronado Water Based Epoxy is a true Amine Adduct Epoxy. It performs substantially better than typical water based acrylic epoxies in areas such as chemical, water, solvent and abrasion resistance. Coronado Water Based Epoxy may be applied over most generic paint types without danger of lifting or wrinkling the previous coating. The low odor, low VOC characteristics of this product make it an ideal alternative wherever solvent epoxy systems cannot be used, but peak performance is necessary. Product is available in white tint base and 4 package colors.</p>
Where to use:	<p>Water Based Epoxy is designed for high performance corrosion protection, on metal surfaces, and is ideally suited for protecting concrete surfaces, particularly floors. This coating is highly suitable for use in beverage facilities, schools, hospitals, factories, warehouses, etc; wherever durability and low solvent odor are important considerations. For best results on uncoated wood, concrete walls or ceilings, thin the first coat approximately 10% with water. For uncoated concrete floors thin the first coat approximately 25% with water. This will maximize penetration and adhesion.</p>
Surface Preparation:	<p>In order to realize maximum product performance, proper and thorough surface preparation is necessary. This is particularly important in aggressive industrial or high corrosion environments. The surface to be coated must be clean and free of rust, dirt, oil, grease, laitance, form release agents or any other surface contamination that could interfere with adhesion.</p> <p>STEEL: For aggressive areas, abrasive blast to SSPC-SP10 Near White Metal and prime with Coronado 142-11 Epoxy Rust Inhibiting Primer.</p> <p>CONCRETE: The surface must be free of surface contamination and in sound condition. All oils and grease must be removed by washing the surface with Coronado Sur-Prep I Emulsifier. Laitance and efflorescent deposits must be removed by etching with Sur-Prep IV Concrete Etch. On bare concrete, apply one coat of #142 Series Water Based Epoxy thinned 25% with water, then apply one or two coats unthinned.</p> <p>GALVANIZED: Remove any oils on new galvanized by washing with Sur-Prep I 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 Water Based Epoxy.</p> <p>WOOD: The surface must be clean and free of dirt, mildew and loose wood fibers. Apply one coat of #142 Series Water Based Epoxy thinned 10% with water, then apply one or</p>

	two coats unthinned.
Application:	Water Based Epoxy may be applied by brush, roller, airless or conventional spray. Stir component "A" thoroughly, then mix with component "B" in a 7:1 ratio. 142 Series Water Based Epoxy comes in a kit form with both "A" and "B" components packaged together. Stir this mixture thoroughly and allow a 45 minute induction time before application. Never mix more epoxy than can be used in 6 hours. For brush application, use a quality synthetic filament brush. For rolling, use a short nap mohair cover. For spray application, thin up to 20% with water. Amine Adduct Cured Water Based Epoxy dries to touch in 1 to 2 hours and may be recoated in 4 to 6 hours. If more than 72 hours elapses between recoats, the previous coating will need to be sanded before applying additional coats. Any pre-existing finish that is glossy will need to be sanded before top coating with water based epoxy. Apply when surface and air temperatures are between 60' and 90' fahrenheit.
Packaging:	The 142 Series Amine Adduct Cured Water Based Epoxy is a two component system. The components are packaged in gallon kits. Each kit has a short filled gallon (7 pints) or 142 Series "A" component and 1 pint of 142 Series "B" component. This ratio of mixing should not be varied.

NOTE: Formulated without mercury or lead.

Bases & Colors	Resin Type	Solids	Spread Rate Per Gallon	Dry to Touch	Dry to Recoat	Full Cure
White, Clear, 1 Base & 4 Colors	Amine Adduct Epoxy	Weight - 57.0% Volume 45.0%	up to 350 sq. ft.	1-2 Hours	4-6 Hours	10 -14 Days

Weight per Gallon	Viscosity	Flash Point	Specular Gloss	Recommended Film Thickness	VOC/VOS
10.8 lbs.	75 - 80 K.U.'s	110' F.	80 - 85% @ 60'	Wet - 3.0 - 4.0 mils Dry - 1.35 - 1.8 mils	2.4 lbs.