



ECK® Application Guide

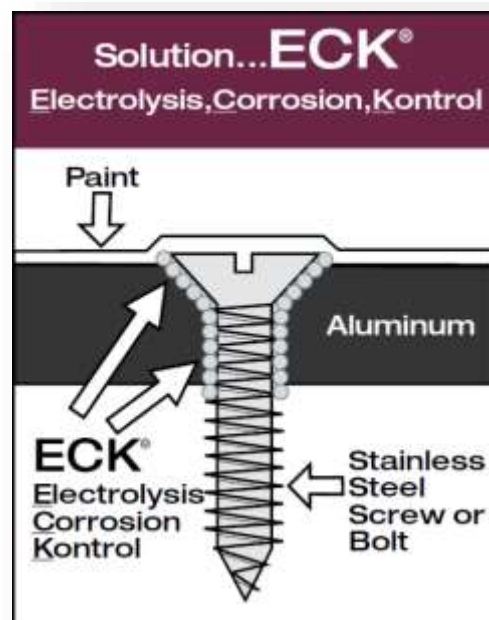
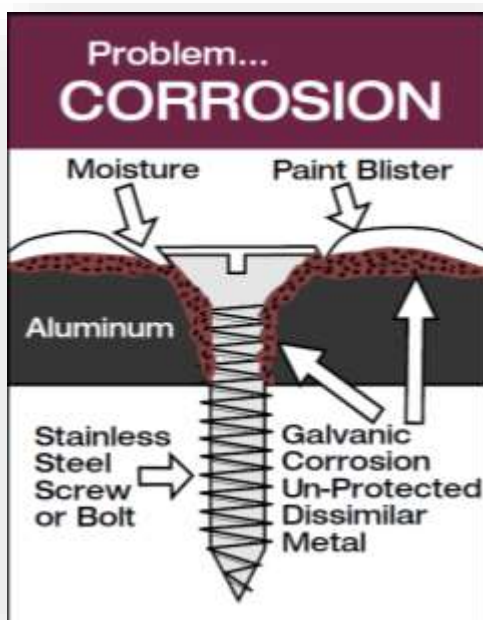
ECKPB01

Description: ECK is a coating used to prevent dissimilar metal corrosion of all metals including stainless steel, aluminum, copper, brass, cold rolled steel and black oxide. ECK prevents corrosion by providing a barrier between dissimilar metals, sealing out moisture and absorbing energy created by a dissimilar metal reaction. Product can be applied by aerosol or liquid on an unpainted or painted surface. Once applied the coating does not need to be reapplied during routine maintenance. ECK is dielectric and can be used on electrical connections.

ECK is the only patented corrosion coating proven to prevent dissimilar metal corrosion (electrolysis, galvanic, mag & cal-chloride corrosion). ECK corrosion coating is safe to use in all types of manufacturing and production operations. Aircraft, Ambulance, Bus & Transit, Fire & Emergency, Tractor Trailer, Utility Trucks, Vocational / Refuse and several other types of manufacturing that assemble with dissimilar metals, should require ECK corrosion coating to protect their products from dissimilar metal corrosion.

Key Features and Benefits of ECK

- Field tested for over 12 years
- Successfully laboratory tested for 4000 hours
- Excellent with high temperatures, up to 1000 degrees Fahrenheit
- Prevents all types corrosion: electrolysis, galvanic and magnesium & cal-chloride corrosion
- Seals moisture out of unwanted areas (petroleum based) – never dries
- Will not harm paint: safe for painted and unpainted surfaces
- Low SDS health rating “1” Safe for all manufacturing
- Dielectric: great for protecting electrical connections
- Provides excellent lubrication – contains **no** silicone
- Safe to use with rubber and plastic
- Zinc ingredients (sacrificial metal)
- Compatible with LOCTITE®



Testing: ECK® has successfully passed numerous independent laboratory tests including, *ASTM B-117* Salt Spray, *ASTM D-2247* Humidity, *ASTM D-780* Immersion, *ASTM G-85-A5* Prohesion and Gravel spray test.

How to Apply

- ECK is formulated with both Zinc Powder & Zinc Dust which tends to settle. A good shake will help insure that you are getting the most effective protection.
- Remove tube cap and use the reverse side to puncture the safety seal of the squeeze tube.
- Attach the supplied nozzle/tip and cut the tip down according to the size of the application.
- Apply ECK into all drilled holes, onto **all** fasteners (*bolts, screws, and rivets*) & in-between **all** flat surfaces (behind – *door-handles, hinges, lamp-housings, diamond-plate, mirror-housing, latches, brackets, wheel-opening moldings, body-mounts, door-trim, running-boards, etc.*)
- Generally 2 – 3 mil thickness is required per application. Each application needs enough product applied so that it “oozes out” during assembly (*This will ensure you have created a proper seal*).
- Assemble and wipe away any excess product.



How to Clean-up

- Any commonly used industrial solvent, such as alcohol, mineral spirits and any surface cleaner used in your paint department can easily clean up any excess ECK. (Prior to selecting a solvent for cleaning ECK, please refer to your coatings system data sheet regarding paint film cure times and solvent resistance.)
- Put your choice of solvents into a plastic spray bottle.
- Spray area intended to be cleaned. ECK can then be easily removed with a clean rag.

ECK - Corrosion Patent: United States no. 5,744,197 & Canadian no. 2,213,065



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