



PRODUCT BULLETIN

ELDORADO DORADO KOTE #7 NONCHROMATE CONVERSION COAT

ELDORADO DORADO KOTE #7 contains no chromates and produces a gold-to-purple, iridescent conversion coat on aluminum, which provides an outstanding base for paint.

PROPERTIES

1. Odor: None
2. Color: Red
3. Appearance: Coarse powder
4. pH of solution: 5

USE

Dip Application

1. Remove oxides with **Eldorado ALK-205** or equal oxidation remover.
2. Rinse thoroughly with water.
3. Deoxidize with a good aluminum deoxidizer, such as **Eldorado D-1**, at 1 pound per gallon.
4. Rinse thoroughly with water.
5. Immerse in ***Eldorado Dorado Kote #7*** at a concentration of $\frac{3}{4}$ to $1\frac{1}{4}$ ounces per gallon.
Immersion time will vary from 30 seconds to 3 minutes, depending upon the aluminum alloy, solution concentration, and bath temperature. Bath temperatures must be maintained in the range of 60°-90°F. Tank should be constructed of plastic or stainless steel.
6. Rinse in cold water.
7. Dry in a dryer at a temperature not to exceed 130°F, or dip in warm water not to exceed 135°F, and allow to dry or blow water off the aluminum with air until dry.





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Spray Application or Brush Application

1. Clean area to be Dorado-Koted with **Eldorado ED-500**, or by another convenient means which gives a water break-free surface.
2. Rinse thoroughly with water.
3. Etch by applying **Eldorado AC-12** for 10 minutes.
4. Agitate surface with a soft mop while rinsing with water.
5. Apply **Eldorado Dorado Kote #7** at $\frac{3}{4}$ to $1\frac{1}{2}$ ounces per gallon, at room temperature with a nylon paint brush, plastic sponge, or spray equipment. The solution should be applied liberally until a color from a golden to light-brown is obtained.
6. Rinse with water and allow to dry.

REMARKS

Overconcentration of **Eldorado Dorado Kote #7** will produce no coating. Observe color formation to ensure proper results. As with any good metal-finishing system, high-quality results can be assured only if the metal is properly cleaned. Proper cleaning procedures, or special techniques for your specific requirements, will be supplied upon request.

PRECAUTIONS

Eldorado Dorado Kote #7 is a hygroscopic powder, which must be protected from the atmosphere. It must be kept in a tightly sealed container. Partially used drums must be carefully closed before returning to storage.

Some insoluble material will be noted in **Eldorado Dorado Kote #7** solutions. This is normal and should not be filtered off.

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