

Low Bake Corrosion Protection: Kalgard K-2[®] Waterborne

Kalcor – A Right Sized Paint Company

...Large enough to meet the demands of the automotive and transportation industries, but agile enough to get things done. Kalcor Coatings Company has a track record of providing innovative products and superior customer support.

Over its 50 year history as a formulator of customized paint and coatings, Kalcor has emerged as leading supplier to automotive parts suppliers of under-hood and under-carriage components.



Kalgard[®] Rubber-to-Metal Coatings

For parts that require extreme corrosion resistance, Kalgard K-2[®] provides affordable protection in an easy-to-work-with water reduceable package. The Kalgard K-2[®] system can provide salt spray resistance up to 1000 hours.

Since Kalgard K-2[®] will completely air dry, or can be accelerated with low-temperature heat (< 160F), it is ideal for components and assemblies that cannot withstand higher bake oven temperatures. Properly cured, Kalgard K-2[®] produces a hard (> 2H pencil hardness), and durable surface. Kalgard K-2[®] is available in a range of attractive colors and gloss levels, or can be applied as a primer for metal parts that require extreme corrosion resistance.



This waterborne epoxy-amine coating can be applied with conventional air spray, HVLP or sprayed electrostatically. Kalgard K-2[®] can be applied as a two component system using a unique Kalcor non-isocyanate cross-linker. It can also be shipped as a single component coating. At less than 1.5 pounds of VOC per gallon, Kalgard K-2[®] provides an environmentally-friendly coating solution that cleans up easily with water. So, Kalgard K-2[®] is the total coating package; durable, good-looking, easy to handle and apply as well as environmentally friendly.



Kalgard K-2® General Technical Data

| Property | Specification range |
|---------------|--|
| Carrier | Waterborne |
| Cure Schedule | Air dry to handling: 30 minutes Accelerated cure: 10 min. @ 150°F |
| V.O.C. | < 1.5 lbs. per gallon |
| Application | Conventional air-spray, HVLP, and electrostatic |

Note: The data presented here are general specifications for typical Kalgard K-2® coatings. Please refer to the Product Data Sheet for specific products.

Kalcor: A Proven Automotive Reputation

Kalcor Coatings of Willoughby, Ohio, currently supplies engineered coatings to OEM and after-market automotive and transportation part suppliers worldwide. Kalcor products range from decorative paints for interior and exterior plastics to functional coatings for brakes and a wide range of under-body and under-hood components. The Kalgard K-2® series is Ideal for components such as air-shocks, dampeners, anti-vibration and anti-noise components and other undercarriage, under-hood parts that must provide an attractive, but protective coating meeting stringent automotive-quality performance requirements.

Let Kalcor show you...

Find out how much easier working with a right sized paint company can be.

Kalcor chemists, technicians and sales engineers are ready to help you with your coating problem.

