

Railway Age September 2022, pg 21

GREENKOTE® HIGH-PERFORMANCE ANTICORROSION COATINGS FOR RAIL HARDWARE

Greenkote® anticorrosion metal coatings can significantly extend the service life of rail fasteners and fixtures that have long-term exposure to weather and harsh environments. These coatings are especially useful for coastal, mining, high-humidity or high-dampness applications, as well as for many uses in which appearance is important and visual rusting is undesirable. The newest, highest-performance Greenkote coating is G5k™ which

extends anticorrosion protection to more than 5,000 hours of ASTM B117 salt spray testing, to stand up to the most challenging conditions.

Employing a patented zinc thermal diffusion process, Greenkote coating is physically diffused into the surface of metal parts, for an exceptionally strong, permanent metallurgical bond. Its corrosion resistance lasts longer, without chipping or peeling. And with an intrinsically high surface hardness, up to HRC 40-42, Greenkote survives bulk handling, contact with installation tooling and service conditions. Plus, Greenkote coverage is highly conformal and uniform, making it ideal for complex part geometries.

The Greenkote name derives from its eco-friendliness. Unlike many coating processes, Greenkote uses no hazardous materials, generates no toxic wastes, and is benign to the environment. It passes even the strictest environmental regulations around the globe.

Fast-turnaround coating of parts can be scheduled at the Greenkote headquarters facility in Ohio or at many other Greenkote locations internationally. **Contact: 1 (440) 243-2865 or contactus@greenkote.com**

Railway Track & Structures September 2022, pg 18

Greenkote

Greenkote anticorrosion metal coatings can extend the service life of rail fasteners and fixtures that have long-term exposure to weather and harsh environments. These coatings are especially useful for coastal, mining, high-humidity or high-dampness applications, as well as for many uses in which appearance is important and visual rusting is undesirable. The newest, highest-performance Greenkote coating is G5k, which extends anticorrosion protection to over 5,000 hours of ASTM B117 salt spray testing to stand up to the most challenging conditions.

Employing a patented zinc thermal diffusion process, Greenkote coating is physically diffused into the surface of metal parts for a strong, permanent metallurgical bond. Its corrosion resistance lasts longer, without chipping or peeling. With an intrinsically high surface hardness, up to HRC 40-42, Greenkote survives bulk handling, contact with installation tooling, and service conditions. Plus, Greenkote coverage is highly conformal and uniform, making it ideal for complex part geometries.

Fast turnaround coating of parts can be scheduled at the Greenkote headquarters facility in Ohio or at many other Greenkote locations internationally.

