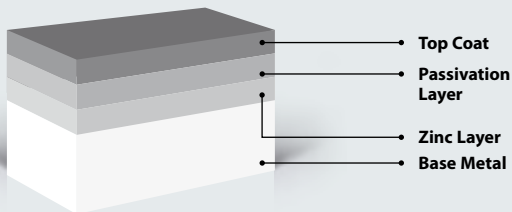
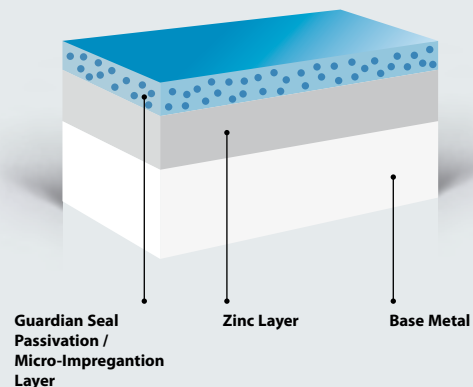


Guardian Seal plating

Guardian Seal is our exceptional, zinc-based surface treatment applied by electroplating. It guarantees excellent, durable protection from corrosion and meets DIN EN ISO 9227 standards—while also being easy to assemble, and better for health and the environment. The 11-15 µm zinc layer is passivized through a specialized process, resulting in an open-pored structure. Organic micro-particles are then impregnated into this structure in an optimized emersion process. Finally, the cross-linked polymerization of the top layer is completed via a unique curing procedure.



Guardian Seal Plating



Guardian Seal coating in salt spray test according to DIN EN ISO 9227

Key features

- Lower assembly and disassembly torque and reduced torque variance
- >360 hours resistance to white corrosion and >1000 hours to red corrosion
- Nickel and chromium-6 free
- Torque value is the same as Chromium-3
- High quality shiny silver appearance
- Resistant to commonly used hydraulic fluids
- Paintable with commercially available coatings

Key benefits

- Guarantees excellent, durable corrosion protection
- Safer and easier assembly and disassembly
- No risk of nickel dust during assembly and handling
- No risk of contact allergies
- Wastewater from the plating process requires less treatment

