

PROGOLD+

NANOCRAFT
smart coatings

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Based on Smart Coating technology and using state-of-the-art nanoanalytics, the highly effective and successfully established protection system was developed. The ultra-thin and invisible gold protection system has been specially optimised for industrial series production. High protection (oxidative & mechanical) in combination with fast and simple process control characterize proGold+. The product is used in both technical and decorative areas.

This protective system for contact surfaces is based on the molecular Technologies and is free of particles- and heavy metal ions. Special Bio-polymers adsorb onto the contact surface and bond up to a few Nanometre-thick conductive protective layer.

Packing: 1000 ml (ready-to-use)

Advantages

- Increases life time of electric contacts
- Is optically invisible due to the small layer thickness
- Is chemically inert as well as dirty- and water-proof
- Resulting in homogeneous low electrical resistance
- Is biologically safe and skin-neutral
- Decreases oxidizing processes on the metal surface Reduces environmental contaminations Is free of Particles and heavy metal ions
- Is chemically stable and high life time
- improves solderability
- Is conform to the EU Directive 200/53/EC and the ROHS directive in 2011/65/EU (RoHS 2)

Applications

- Technical areas
- Decorative areas



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