



zinc

an established procedure

Electrolytic galvanising with ensuing application of the passivation is the most commonly used and most cost-efficient procedure to gain a reliable corrosion protection for a range of indications. Zinc layers with ensuing thin film passivation (DÜSP) or thick layer passivation (DISP) and, if necessary, sealing (TOPCOATS) are processed with latest state-of-the-art devices for rack and barrel plated goods in HOLDER Oberflächentechnik. The fully automated systems ensure a absolutely constant and exactly repeatable galvanising quality – economically and for a careful conservation of natural resources.

advantages

-  **economical procedure**
-  **high level of corrosion protection**
-  **bending capacity and flangeable**
-  **enhanced temperature resistance**
-  **high peel strength of passivation layers**
-  **appealing cosmetics**
-  **selective painting feasible**
-  **internal coating with inner-anode technique**



meeting the highest requirements

With the brand **Novatec** 100 ff you get a zero-chromium (VI) passivation in a quality that meets or even overachieves all requirements in automotive and surface finish standards. This corrosion protection system, developed by HOLDER, is temperature-resistant and in surroundings with high thermal loads, e.g. in the engine compartment or brake systems, the protective effect remains completely unaffected. This corrosion protection system is eco-friendly and well approved. **Novatec** 100 ff meets the EU-Directives (free of CrVI) and RoHS.



technical data

- **suitable materials**
 - steel
 - cast iron
- **corrosion resistance**
 according to DIN EN ISO 9227 – NSS
 - > 120 h without white rust
 - > 360 h without red rust
- **curing – passivation**
 - rack: transparent, thick layer passivation
 - barrel: transparent, thick layer passivation
- **curing – facultative**
 - sealing with or without slip additives
 - TOPCOATS
 - lubricant treatment
 - heat treatment for hydrogen de-embrittlement
- **zero-chromium (VI) passivation**
 - **Novatec** 100 to 130
- **zero-chromium (VI) combined surfaces**
 - **TRICOAT** black
 - **TRICOAT** silver
- **products**
 - ZinKlad 96
 - ZinKlad 250
 - MG/MGL (against contact corrosion with magnesium)
 - Gleitmo 605
 - Torque'n Tension

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