



## zinc-iron

### reliable process and economical

With the process **Novatec** 200 ff for the electro plating of highly-corrosionresistant zinc-iron-coatings, functional corrosion protection is combined with a appealing surface design.

Typical applications are in the automotive and electrical industry and appliances as well as in sheet metal processing.

Materials that are difficult to coat, e.g. cast iron, can be coated with a reliable process too. For that reason, HOLDER developed a special method.

Leading the way in corrosion protection technology.

### advantages

-  **economical procedure**
-  **high level of long term corrosion protection**
-  **bending capacity and flangeable**
-  **enhanced temperature resistance**
-  **high peeling strength of passivation layers**
-  **manufacturing equipment: partial painting feasible**
-  **inner-anode technique**
-  **environmentally sustainable**
-  **appealing appearance**



### ideal for steel and cast iron

With the characterisation **Novatec** 200 ff, you get a zero-chromium (VI), galvanized zinc surface in a quality that meets or even overfulfills completely all automotive specifications and surface finish standards.

This corrosion protection system, developed by HOLDER, is temperature-resistant. The protective effect remains completely unaffected in surroundings with high thermal loads, e.g. in the engine compartment or in the brake systems. This corrosion protection system is eco-friendly and well approved.



### technical data

- **suitable materials**
  - steel
  - cast iron
- **corrosion resistance**  
 according to DIN EN ISO 9227 – NSS
  - > 360 h without white rust
  - > 600 h without red rust
- **curing – passivation**
  - rack: transparent, thick layer passivation
- **curing – facultative**
  - sealing with or without slip additives
  - TOPCOATS
  - preservation of uncoated inside areas, e.g. tubes
  - heat treatment for hydrogen de-embrittlement
- **zero-chromium(VI) passivation**
  - **Novatec** 200 to 230
- **zero-chromium(VI) surfaces**
  - **TRICOAT** black
  - **TRICOAT** silver

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