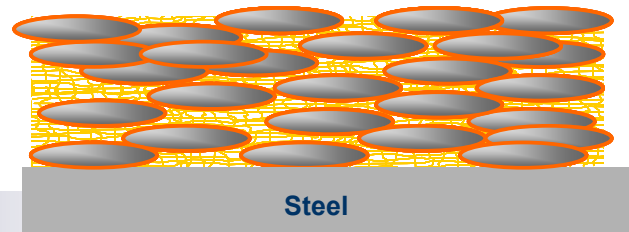


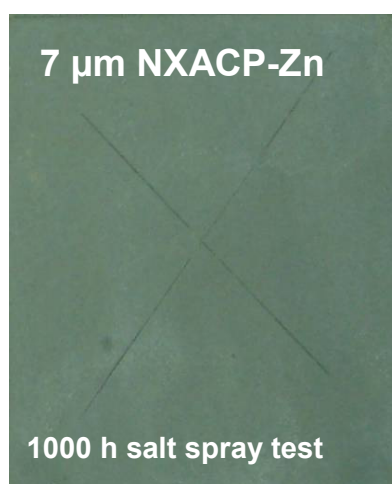
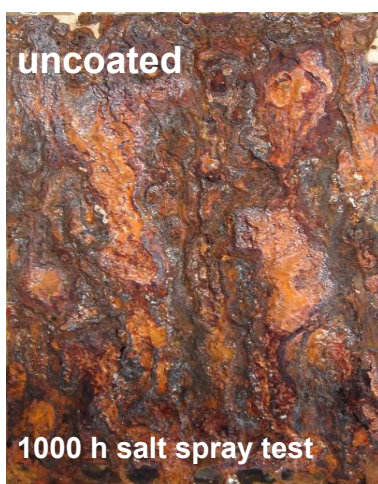
NANO-X Information

Principle:

NXACP = NANO-X Active Corrosion Protection
Zinc or Magnesium particles with nano TiO₂-
protective coating in inorganic matrix



Corrosion Protection



Low-alloy steel after 1.000 h salt spray test according to DIN EN ISO 9227, left uncoated, middle with 7 µm NXACP-Zn (test with cross cut), right with 10 µm NXACP-Mg after 200 h heat treatment at 600°C and 100 h salt spray test

Properties:

- Cathodic corrosion protection for steel
- Coating thickness 5 - 20 µm
- Simple application by spray, dip or roller coating
- Different products curable between room temperature and 250°C
- Suitable for resistance spot welding
- Corrosion protection also when different metals are joint, e.g. steel / aluminium

NXACP-Zinc

- Steadily temperature stable up to 250°C
- Up to > 2000 h salt spray test
- Room temperature curing possible

NXACP-Magnesium

- Steadily temperature stable up to 600°C
- Up to 500 h salt spray test

Fields of application

- Car bodies, technical installations, building and construction, tubes etc.
- Alternative for piecwise galvanizing
- Repair system
- High temperature applications
- Ovens
- Exhaust systems
- Industrial and power plants

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