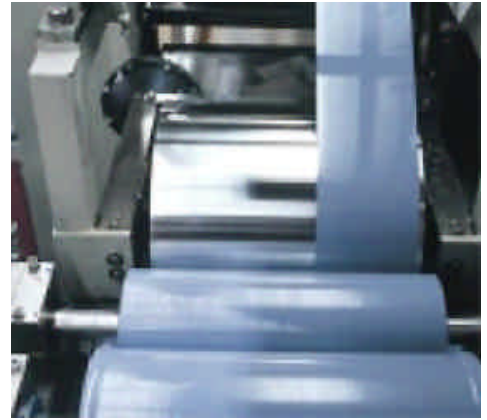


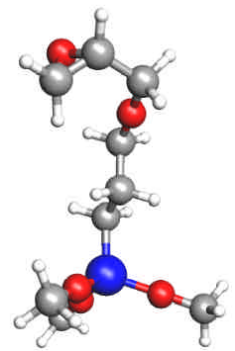
NanoCon : Chrom free conversion layer

Cr-free conversion layer

NanoCon coating is based on the Smart Coating Technology. It can be applied as an ultra thin layer and generates a defined intermediately conversion layer. The product was developed together with industrial partners and it fulfils high-class standards as well as the demanded and necessary layer parameters like chrome free.



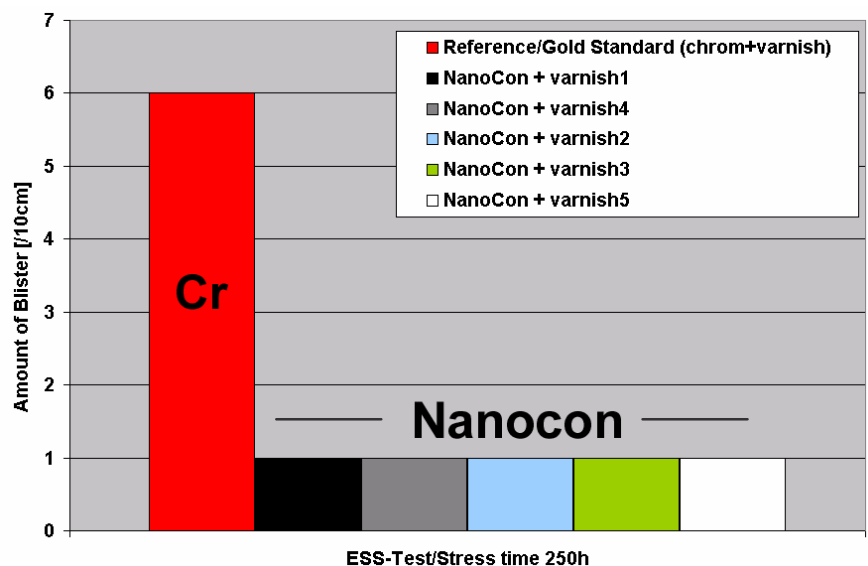
- basic, liquid water based and free of Chrom and other metals
- generates conversion layers with good adhesion and corrosion protection properties on aluminium and zinc steel surfaces.
- the application takes place in the immersion as well as the spray process fulfils all appropriate quality requirements.
- free of Nanoparticles and heavy metal ions.
- it corresponds to the directives the EU (directive 200/53/ the EC) and the raw directive in 2002/95/. It is also ROHS conform.



NANOCRAFT
smart coatings

Tested quality – comparative high-class investigations:

Acetic acid salt spray test to ISO9227 DIN50021-ESS, evaluated after 250h and comparing chromate conversion coating with NanoCon.



Contact person:

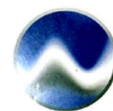
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2003

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Germany

NanoCon: Application & Specification

Application

immersion & spraying

solvent: DI-water

application time: 0,5-10 s

temperature: 18-22 °C

pH-value: 10-12

tank material: polypropylene (PP) or fluoride-resistant stainless steel tanks



Technical Specification

(at 20°C)	Appearance	Density (g/ml)	pH value (ready to use)
NanoCon	liquid, colourless	1.02	11

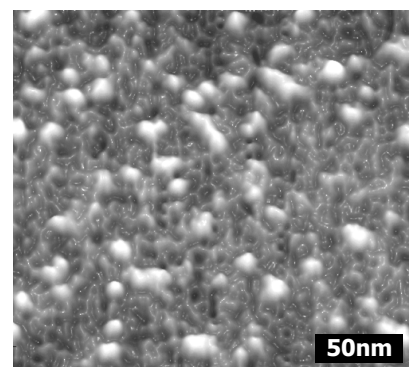
NanoCon works

- for alumina and zinc steel
- in coil and part coating applications

A adapted waterbased pre cleaner is also available

Research and Development with modern Nanotechnology

We develop according to your demands especially functional coatings for the highest surface claims. Or we provide you by our proven Coating systems. We focus our developments to stand the highest quality - verified by load tests, a maximum process security, an optimized environmental compatibility and a high economic efficiency. Furthermore we optimise overall systems of customer-sided coating process and integrate the newest technologies as for example plasma pre-treatment for the cleaning and activation of surfaces.



Contact person:

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