



BODO MÖLLER CHEMIE

Engineer chemistry

BONDERITE® - Time for new technologies
The alternative to phosphating processes

BONDERITE® The New Technology - Cleaners and Coatings

Field of application

- BONDERITE® cleaners are multi-metal capable and can be used for steel, coated steel as well as light and non-ferrous metals.
- BONDERITE® NT coatings are based on nano technology and are suitable for ferrous materials, zinc and aluminum.

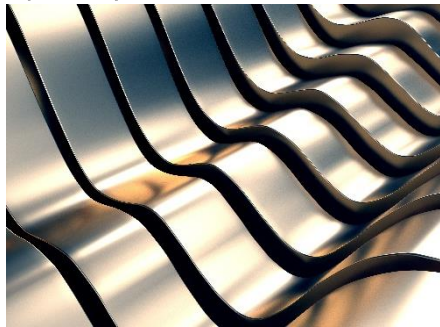
What are BONDERITE® nanoceramic coatings?

Nanoceramic conversion coatings are modern alternatives to iron phosphating. They thus achieve maximized corrosion protection compared to iron phosphating.

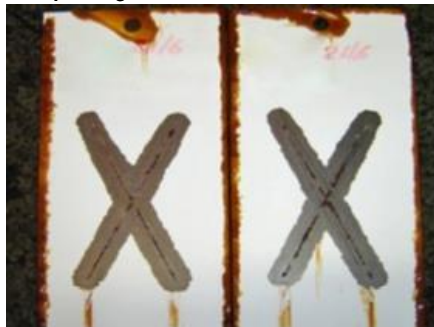
Why it's worth talking to us about it:

- Up to 30 percent energy savings due to lower operating temperatures (bath temperature between 20 and 40 °C).
- Metal surfaces are thus better protected against corrosion after painting than with conventional phosphatings.
- Waste disposal is simplified because the conversion coatings are phosphate-free and free of regulated heavy metals.
- The elimination of critical ingredients reduces the cost of wastewater treatment.
- The amount of sludge produced is reduced by up to 70 percent.

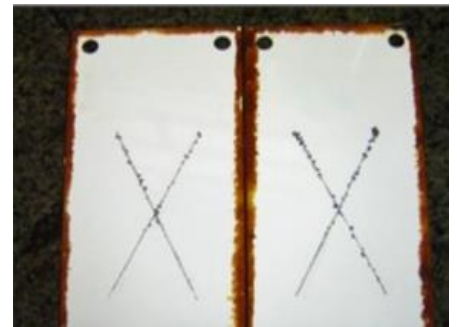
Dry cleaning



Phosphating



Nano-technology



Example from the wide range of products:

BONDERITE® M-NT 1 is a multi-metal, chrome- and phosphate-free conversion process and a modern alternative to conventional phosphating.

Advantages for you: The cleaner is energy-efficient, generates little waste and enables cheaper disposal.

Conventional pretreatment



BONDERITE® NT-1 Process



Have we aroused your interest? Then contact your Bodo Möller Chemie contact person now:

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