

GBprotect metal

Anti-corrosion coating

***Nano**Technology
for excellent surfaces*



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Anti-corrosion coating

GBneuhaus supplies an anti-corrosive coating tailored to the special needs of industrial customers.

Characteristics of this coating are superior corrosion protection properties, low film thickness, high transparency. If required the ability could be combined with other features such as an antimicrobial effect.

SUBSTRATES

- » Metals and alloys (for example, steel, aluminium, copper, brass)

PROPERTIES

- » Protection of hardware against environmental aggressors
- » Default:
 - » Salt spray test DIN EN ISO 9227
 - » Strain in condensation-water atmospheres according to DIN EN ISO 6270-2
- » Option:
 - » Adaptation to specific corrosive environments
 - » Adaptation to specific substrates and substrate combinations
- » Film thickness in the single-digit micrometer range
- » Mechanical flexibility
- » Scratch-resistant, abrasion-resistant
- » Transparent, coloured on request
- » Haptic properties of the component remain unchanged

COATING TECHNOLOGIES

- » Dip or spray coating
- » Curing thermal, infra-red or UV
- » Others on request

PROCESS DEVELOPMENT

- » At GBneuhaus

SERIAL PRODUCTION

- » At GBneuhaus
- » Manufacturing can be integrated in customer's production after process validation
- » Delivery of the coating material by GBneuhaus

APPLICATIONS

- » Protection of hardware, which is subject to highly corrosive conditions
- » Protection of hardware and its functionality from chemical influences
- » Possible combination with secondary properties (transparency, surface energy, low film thickness etc.)



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