



SANPURE
Antimicrobial
Coating

***Nano**Technology
for excellent surfaces*

SANPURE

Antimicrobial Coating

GBneuhaus GmbH and ras materials GmbH developed in cooperation the peak effective SANPURE coating which combines the distinguished properties of Sol-Gel-Coating with the antimicrobial function of silver nanoparticles. Due to this functionality the reproduction and increase of dangerous multi-drug-resistant germs can be reduced permanently and safely. The active ingredient AGPURE nanosilver has been registered according to EU 528/2012 (Reg. Nr. 29919, Reg. Nr. N-29916).

SUBSTRATE

- » glass (borosilicate glass, soda-lime glass, quartz glass)
- » ceramics (porcelain, glazed sanitary ware)
- » metal (stainless steel, chrome, aluminum)
- » plastics (polycarbonate, PMMA, polyethylene, polyester, polypropylene)
- » other materials on request

PROPERTIES

- » lifetime antimicrobial efficiency (JIS Z 2801:2010, R-value till >4)
- » reduces the increase of dangerous microbes between cleaning cycles
- » abrasion resistant
- » transparent; colored on request
- » physiological harmless
- » imperceptible by touch, feel and look remains unchanged
- » chemically resistance against conventional cleaning and disinfection agents

COATING TECHNOLOGIES

- » dip coating
- » spray coating
- » others on request

PROCESS DEVELOPMENT

- » in-house research and development at GBneuhaus

SERIAL PRODUCTION

- » at GBneuhaus' production facilities
- » after process validation possibility of integration in customer's manufacturing lines, supply of coating material by GBneuhaus

APPLICATIONS

- » in hygienically sensitive areas (health care, food industry)
- » doorknob, fittings, handles, sanitary controls and instruments
- » touch applications, keyboards
- » exposed parts of laboratory equipment, kitchen equipment, scales, analyzing equipment



GB neuhaus
NANO COATING SURFACE

ras
materials

GBneuhaus GmbH
Am Herrnberg 10
98724 Neuhaus | Germany
phone: +49 3679 726030
fax: +49 3679 726033
eMail: info@gbneuhaus.de