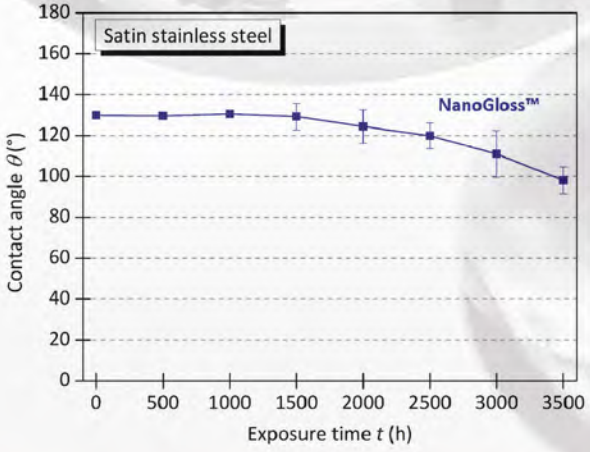
Eco-friendly product

NANOGLOSS™

LABORATORY TEST

The contact angle q was measured every 500 h within a period of 3500 h. A graphical representation of the results is shown in Figure 4.
Characteristic for the coating NanoGloss™ is a decrease of the values for the contact angel q after 1500. Compared to the value at the beginning of the weathering, the decrease for NanoGloss™ is about 25 %.



Representation of the contact angle q in dependence on exposure time t for **NanoGloss™**

CERAMIC™ nano-coatings

Manufactured by Ceramic Nano-coatings
Distributed by:

NANO-coating for automotive surfaces

NANOGLOSS™ - high quality NANO-coatings for stainless steel, automotive and marine surfaces

NANOGLOSS™ is a new generation of NANO-coatings designed for simple hand application on "new" or newly reconditioned automotive and marine paint finishes, plastics and stainless steel. NANOGLOSS™ protects the surfaces against chemical attack from any kind of environmental pollutant, e.g., acid rain, animal and vegetable deposits (bird droppings and tree sap) and road grime, including salts and insect fluids, UV rays, limescale etc.The hydrophobic and oleophobic effects of the coating cause particles of contamination such as grease, oil, water, mud and materials from environmental pollution to adhere less to the substrates, and allow them to be easily removed from the coating, i.e. without applying abrasive agents so called "Easy to Clean" effect.

EXAMPLES OF USE

Any type of automotive and marine paint finishes, plastics and stainless steel

- Automotive paint
- Marine paint
- Stainless steel surfaces
- Aluminum rims
- Plastics like PMMA, ABS etc.
- Shower cubicles

OTHER PROPERTIES

- Invisible to the human eye (coating thickness: 100 nm)
- Permanent (UV-stable)
- Very resistant to abrasion
- Chemical-resistant (up to a pH value of 13)
- Breathable
- Very simple do-it-yourself application
- Contact angle: 130°
- Temperature resistant (up to 450°C)

APPLICATION

Simple DIY (do-it-yourself) application makes it suitable for any customer:

- DIY application by hand
- Polishing machine

Once applied, the coating forms a complete network and completely sets after 24hours. The easy-clean effect can be seen tested after the 24 hour setting period.

CONSUMPTION

DIY and Machine application:
Approximately 5-10 ml per m^2

Advantages compared to competitors products

PERMANENCE AND LONGEVITY

UV stable for the lifetime of the coated surface – assuming the protected surface is not damaged by abrasion.
Competitors' similar products like silicon oils or fluorocarbon technologies are slowly destroyed by sunlight.

ABRASION RESISTANCE

A permanent chemical bond with the surface enables excellent abrasion resistance.
Competitors' similar products can be easily removed by abrasion.

CHEMICAL STABILITY

The product is chemically resistant up to a pH 13.
Competitors' similar products do not have this property and must be reapplied.