

Product information lacquer and glazes: Boundaries of Application / Warranty

- The painting and glazing process is unsuitable for functional parts which are to be exposed to mechanical stress.
- The parts for processing have to be temperature resistant for more than 60°C otherwise the painted surface may deform or discolour during the coating process.
- In case of some soft plastics, bronze and Aluminum cast parts as well as other porous substrates, discoloration may occur in course of time due to degassing or contamination in the substrate and as a result, the coatings may flake off.
- Components with a grind in the substrate change their color depending on the light source and viewing angle. Predefined colors can only be reproduced to a limited extent.
- Glazes are not permanently resistant to UV rays. Discoloration and fading of the color cannot be ruled out in the long term.
- The painting and glazing process is a manual process in which the colouring is applied in several steps. Optical impairments, e. g. slight shades, deviations in the degree of gloss, in the coloring and in the surface structure are not always avoidable and can possibly occur in the final coating.
- As a precaution, we would like to point out that glazes can have different color renderings depending on the light colour, viewing angle and geometry. The color components used are visible in different intensities under a wide variety of light sources. This is process-related and no reason for complaint. The shades we create are created under daylight conditions.
- Do never treat painted surfaces with aggressive detergents, high-pressure cleaner, steam, rough polishes and grinding compounds as well as acids, solvents or other chemicals.
- Due to invisible impurities of the substrate, changes of colour or flaking may occur after some time.
- Subsequent cutting, sawing or deforming of the coated surfaces can damage the lacquer structure and lead to flaking.
- If any parts shall be coated one-side-only, the customer needs to make sure the original part's construction and substrate/material possesses adequate reinforcement in order to totally prevent distortion of the part during the application and drying process.
- Please use only specifically prescribed detergents and sealing products for surface servicing otherwise changes of colour or surface damages may occur on the coated surface.
- Please use adhesive tapes and applications only after prior consultation with P.S. Oberflächen GmbH and never treat with temperatures above 50°C. Improper handling and materials can cause damage to the surface.
- Handling painted surfaces e. g. with rings, watches and screwdrivers or other sharp-edged objects may damage the painted surface and can lead to subsequent damage to the coating.

- If the client processes the coated surfaces, produced by P.S. Oberflächen GmbH, the warranty expires. For damage to such components, P.S. Oberflächen assumes no liability.

The described handling of the painting and glazing process has to be adhered to, so that the described phenomena of the coating cannot occur.

Painted components must be unpacked immediately after arrival, otherwise surface defects in the form of outgassing, matting etc. may occur.

We would like to point out that we are not liable for damages occurring during and after the coating of components, which were built and / or prepared for the coating by the supplier.

By placing an order contrary to the above-mentioned warning statements, we point out the exclusion of guarantee by German Law (§ 639 BGB).

In order to further process parts with lacquers and glazes we recommend to treating all goods and surfaces in consultation with P.S. Oberflächen GmbH in Sassenberg.