

LONG-LASTING PROTECTION AGAINST BACTERIA AND FUNGI ON COATED SURFACES

BerlaGuard is an antimicrobial 2K PUR clear coat system developed by us. It is based on a special formulation that offers high resistance to chemical and mechanical influences.

TECHNOLOGICAL DESCRIPTION

The antibacterial ingredients used in **BerlaGuard** create a surface that bacteria and fungi do not like.

This is because a surface treated with **BerlaGuard** creates a kind of alternating dynamic that permanently prevents bacteria and fungi from settling and thus the formation of a biofilm. This principle is purely physical and is not subject to the Biocidal Products Ordinance (VBP).

Traditional biocides, such as silver ions, are known to be toxic. They penetrate the surface and kill the microbes. However, due to the continuous degradation of the active ingredients, the antimicrobial protection of these products is lost over time.

FIELDS OF APPLICATION

BerlaGuard can be used both indoors and outdoors. Especially for medical devices, furniture, toys and other applications with high hygienic requirements.

YOUR ADVANTAGES AT A GLANCE

- Use of **purely physico-active** substances
- **No use of critical nanomaterials** as defined by the Biocides Regulation
- **Non-sensitising, non-irritating to the skin, non-allergenic**
- **Environmentally friendly**, as non-persistent and non-bioaccumulative mulating
- **No loss of efficacy in combination with disinfectants**
- Effective as long as the coating is on the surface. **Effectiveness does not diminish!**
- **Approved to toy standard EN 71-3**

PRODUCT PROFILE

System	2K PUR Air drying and forced drying (oven up to 80°C) Product code: 042.988.100/200/300
Levels of gloss	<ul style="list-style-type: none">• high gloss• silk gloss• matt
Application	without primer directly on the substrate
Substrates	<ul style="list-style-type: none">• PVD and metals (after pre-testing)• numerous established plastics• Berlac® base coats
Colour	transparent
Special features	<ul style="list-style-type: none">• Physical antibacterial finish for long lasting performance• Excellent direct adhesion to the substrate• Very good resistance to various chemicals, including disinfectants• Very high scratch and abrasion resistance• Good flow and filling capacity• No degradation of the active ingredient, therefore long-lasting effect against bacteria and fungi on coated surfaces

BERLAC AG – FOR THE DECISIVE ADDED VALUE OF YOUR PRODUCTS

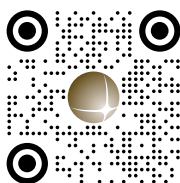
We are founded in 1928, headquartered in Switzerland and a member of the Berlac Group, a globally-active group of companies specialising in the development and manufacture of top-quality solutions for surface coatings and the finishing of PU for various sectors and applications

As an internationally leading manufacturer of premiumgrade special lacquers and effects for decorative applications on carbon, aluminium, various plastics or metal, we supply a wide variety of industries such as sports & leisure, automotive, medical technology, mobile communications, telephony, glasses or watches and jewelry.



Lacquers and Effects

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