

WELCOME TO THE
WORLD OF
KABE FARBEN



POLYFLEX® Steridur



Powder Coatings

kabe-farben.ch



KARL BUBENHOFER AG



POLYFLEX® STERIDUR OFFERS THE PROTECTION YOU HAVE BEEN SEEKING

A specially developed additive package allows for specific adaptation to the respective powder coating types. This reliably prevents the formation of aggressive biofilms, making POLYFLEX® STERIDUR unique and safe. The antimicrobial effect of these coatings lasts for many years, ensuring lasting protection against numerous pathogens.

Applications

POLYFLEX® STERIDUR is used wherever there is an increased risk of microbial transmission. Typical applications include furniture, appliances, handles and wall systems used in food-related or medical areas.

Typical examples include work surfaces in hospitals, public sanitary facilities, ventilator housings and much more. POLYFLEX® STERIDUR can be used on all substrates suitable for powder coating that require effective protection against microbes such as fungi, bacteria and algae.

Assortment

Many of our powder coatings for indoor and outdoor use are available as POLYFLEX® STERIDUR. In addition to their antimicrobial effect, these coatings also provide excellent protection and enhance the appearance of the coated substrate.

For special requirements, we also offer customised adaptations. Extensive laboratory testing enables certificates to be issued for highly individualised performance profiles.

Product advantages

- Due to the special composition of STERIDUR, the film protection additive is incorporated into the powder coating in such a way that it cannot escape from the surface and therefore has a lasting effect.
- POLYFLEX® STERIDUR is available in all standard POLYFLEX® powder coating grades.

Range of effects

Gram-positive bacteria

- Staphylococcus aureus (MRSA)
- Enterococcus faecalis (VRE)
- Bacillus subtilis
- Streptococcus faecalis
- Streptococcus pyogenes
- Corynebacterium xerosis
- Micrococcus luteus
- Listeria monocytogenes
- Listeria welshimeri

Gram-negative bacteria

- Escherichia coli (ESBL)
- Enterobacter aerogenes
- Legionella pneumophila
- Pseudomonas aeruginosa
- Salmonella enteritidis
- Salmonella typhimurium
- Klebsiella aeruginosa
- Salmonella typhimurium
- Vibrio parahaemolyticus

Mould and yeast

- Aspergillus niger
- Penicillium funiculosum
- Chaetomium globosum
- Gliocladium virens
- Aureobasidium pullulans
- Cladosporium cladosporoides
- Penicillium citrinum
- Candida albican
- Saccharomyces cerevisiae

Algae

- Chlorella pyrenoidosa
- Scenedesmus quadricauda
- Selenastrum capricornutum
- Oocystis vulgaris
- Skeletonema costatum

Excerpt from the test report according to method JIS Z 2801 : 2000 KABE grey

Inspection point	Activity	Reduction in %	Interpretation
Candida albicans 10231	> 3,80	> 99,98%	Good effect
Escherichia coli ATCC 11229	> 4,60	> 99,99%	Good effect
Pseudomonas aeruginosa ATCC 15442	> 4,60	> 99,99%	Good effect
Staphylococcus aureus ATCC 6538P	> 4,10	> 99,99%	Good effect

POLYFLEX® Powder Coatings

Sampling options

A5 KABE Standard surface samples

A5 aluminium surface samples
(including product information)

- Delivered in a practical sample case, ideal for filing.
- The surface patterns are coated according to your specifications if required.



KABE powder coating sample

- We produce 1.5 kg of powder according to your requirements.
- Delivered in a 1.5 kg mini carton. (not valid for all items)



Request samples and technical information.



Powder coatings | Paints + plasters | Facade insulation | Industrial coatings

📍 **KARL BUBENHOFER AG** | Hirschenstrasse 26 | 9201 Gossau SG, Switzerland
T +41 71 387 41 41 | pulver@kabe-farben.ch | kabe-farben.ch

📍 **KABE Powder Coatings Sp. z o.o.** | ul. H. Sucharskiego | 77-100 Bytów, Poland
T +48 59 822 22 22 | info@kabe-powdercoatings.com | kabe-powdercoatings.com

📍 **KABE Pulverlack Deutschland GmbH** | Sofienstrasse 36 | 76670 Graben-Neudorf, Germany
T +49 7255 99 161 | info@kabe-pulverlack.de | kabe-pulverlack.de

A company of the **KABE SwissGroup** 

