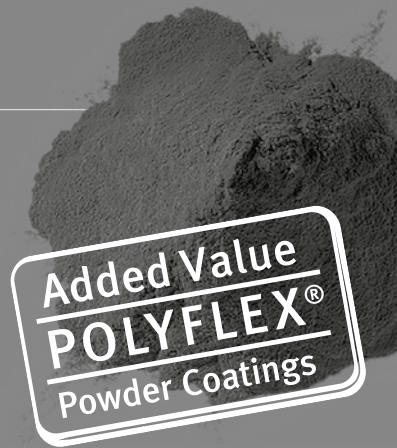


POLYFLEX® STERIDUR II

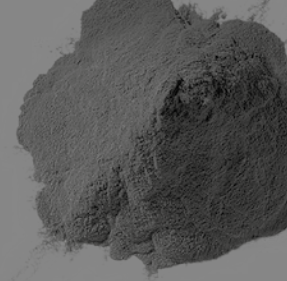


POLYFLEX® STERIDUR II permanent protection for powder coated surfaces

POLYFLEX® STERIDUR II is a product developed by Karl Bubenhofer AG with special properties which offers permanent protection for surfaces and guarantees high levels of safety in everyday use.



KARL BUBENHOFER AG



POLYFLEX® STERIDUR II



POLYFLEX® STERIDUR II offers the protection you were looking for

The active ingredient that has been added to the powder coating prevents aggressive biofilms from forming. This is what gives POLYFLEX® STERIDUR II its unique protective properties. The additive in the powder coating retains its effect over many years, providing long-term protection for the coated surface.

Effect spectrum

Gram-positive bacteria

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

Mold and yeast fungi

- › Aspergillus niger
- › Penicillium funiculosum
- › Chaetomium globosum
- › Gliocladium virens
- › Aureobasidium pullulans
- › Cladosporium cladosporioides
- › Penicillium citrinum
- › Candida albicans
- › Saccharomyces cerevisiae

Gram-negative bacteria

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

Algae

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

Applications

POLYFLEX® STERIDUR II can be used wherever there is an increased risk of microbial films forming. Typical applications include furniture, equipment, ceilings and walls in food preparation areas and medical facilities, for example microwaves, sanitary fittings and medical devices. POLYFLEX® STERIDUR II is the ideal powder coating for surfaces that need effective protection against all types of microbes (moulds, bacteria, algae etc.).

Range

POLYFLEX® STERIDUR II is available in standard formulation, that most of the cases offers the requested effect. For special needs we can also offer customized variations. These will be defined with the customers in details and the efficiency will be according to their expectations. With tests in laboratory and certificates we will make sure that the expected result will also be reached.

Product advantages

- Because of the special formulation of STERIDUR II, the additive is permanently incorporated into the powder coating and this allows it to provide long-term protection.
- POLYFLEX® STERIDUR II is available in all standard POLYFLEX® powder paints qualities.

Results from the test report according to the method JIS Z 2801 : 2000

Checkpoint	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

