

Adexano

Bacoban

**Disinfection with
long-term effect**

Against viruses, bacteria, fungi

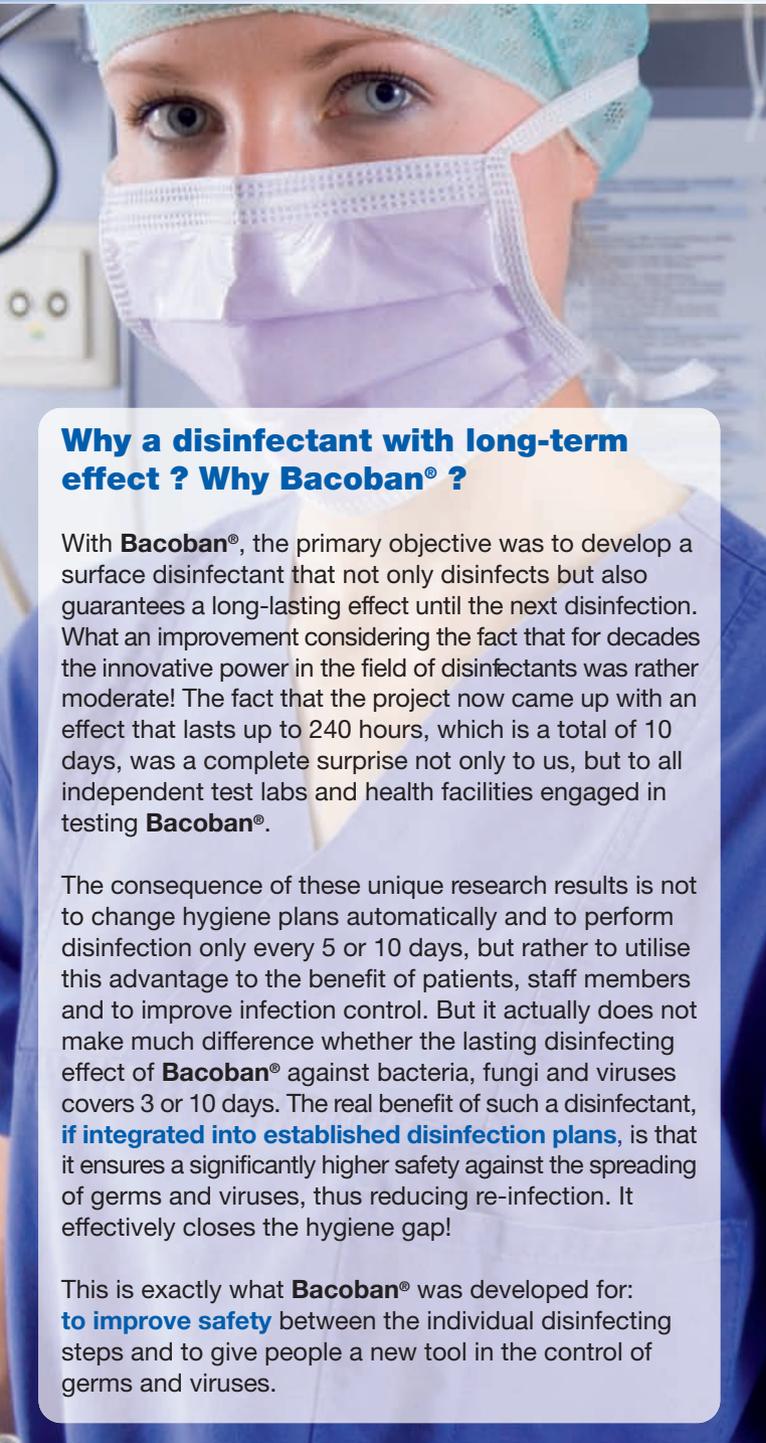


Adexano® was founded with the aim of developing and marketing problem-solving and unique products concerning health and nursing care as well as prevention.

Leaving trodden paths to develop really innovative products is the centre of our focus. To achieve this goal, scientists primarily from the fields of medicine, biology, chemistry and material sciences are commissioned with the implementation of our ideas.

Adexano® - we love improvement!





Why a disinfectant with long-term effect ? Why Bacoban® ?

With **Bacoban®**, the primary objective was to develop a surface disinfectant that not only disinfects but also guarantees a long-lasting effect until the next disinfection. What an improvement considering the fact that for decades the innovative power in the field of disinfectants was rather moderate! The fact that the project now came up with an effect that lasts up to 240 hours, which is a total of 10 days, was a complete surprise not only to us, but to all independent test labs and health facilities engaged in testing **Bacoban®**.

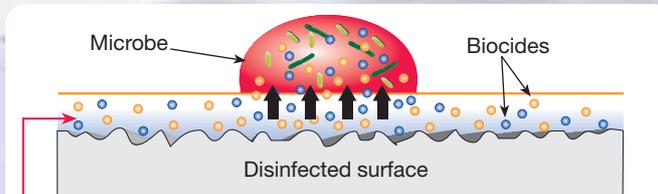
The consequence of these unique research results is not to change hygiene plans automatically and to perform disinfection only every 5 or 10 days, but rather to utilise this advantage to the benefit of patients, staff members and to improve infection control. But it actually does not make much difference whether the lasting disinfecting effect of **Bacoban®** against bacteria, fungi and viruses covers 3 or 10 days. The real benefit of such a disinfectant, **if integrated into established disinfection plans**, is that it ensures a significantly higher safety against the spreading of germs and viruses, thus reducing re-infection. It effectively closes the hygiene gap!

This is exactly what **Bacoban®** was developed for: **to improve safety** between the individual disinfecting steps and to give people a new tool in the control of germs and viruses.

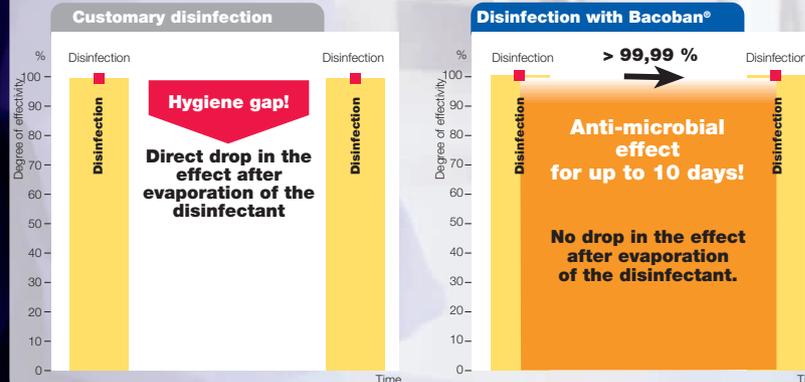
How work Bacoban® ?

Conventional disinfectants are effective immediately - but only for a short period. Micro-organisms are only killed during the few minutes of the duration of the active period. After that, when the disinfectant has evaporated, the area treated is again subjected to microbial strains. Until the next disinfection, a hygiene gap results, in which there can be a repeated settlement by micro-organisms.

The long-term effect of Bacoban® resolve the hygiene gap



Bacoban® establishes an ultra-thin film with a lasting effect. The technology used here is the sol-gel process that develops a solid gel phase on the basis of a liquid phase. The biocides used to kill germs are embedded in the porous structure of the developing sponge-like sol-gel and are washed out again when coming into contact with water (bacteria, enveloped viruses and fungi are always surrounded by a water shell).



Effectivity

Results according to ASTM E 2180: the assessment was done in comparison of an untreated ceramic test surface with one treated with **Bacoban®**.

Long-term antibacterial effect: up to 10 days!

Time between applications with Bacoban and the depositing of the micro-organism on the surface	3 days	5 days	10 days
Escherichia Coli	> 99,997 %*	> 99,994 %	> 99,996 %
Pseudomonas aeruginosa	> 99,996 %	> 99,995 %	> 99,997 %
Staphylococcus aureus	> 99,997 %	> 99,996 %	> 99,995 %
Candida albicans	> 99,997 %	> 99,992 %	> 99,997 %
Aspergillus niger	> 99,995 %	> 99,992 %	> 99,837 %

*%: Reduction after depositing micro-organism on the surface

Bacoban® inhibits formation of smells

Bacoban® significantly contributes to odour control, particularly in sanitary facilities. The very unpleasant odours developing in that area are caused by bacteria.



These "metabolise" the urea contained in the urine to form ammoniac (acidic odour).

The regular application of **Bacoban®** to surfaces prevents micro-organisms from accumulating there. Thus, unpleasant odours cannot develop any more. This is an enormous advantage particularly in institutions where patients have problems with bed-wetting and faecal soiling.

Alcoholic disinfection

Bacoban®AB

Alcoholic disinfection of alcohol-resistant medical fittings and equipment and other surfaces

(in accordance with Directive 93/42/EEC: MDD)

Delivery forms / Packaging units

Unit sizesPackaging units

125 ml bottle24 bottles/boxBAC125

250 ml bottle6 bottles/boxBAC250

500 ml bottle12 bottles/boxBAC500

1l bottle6 bottles/boxBAC1000

5l canister1 x 5lBAC5000

Art. no



water-based Concentrate

Bacoban®WB - Concentrate -

Alcohol-free disinfection and cleaning of medical fittings and equipment and other surfaces

(in accordance with Directive 93/42/EEC: MDD)

Delivery forms / Packaging units

Unit sizesPackaging units

1l bottle6 bottles/box

5 L canister

1 x 5 LBACWB5

Art. no

BACWB1D



water-based Ready-to-use

Bacoban®DL - Ready-to-use -

Ready-to-use disinfectant and cleaning product for surfaces and medical fittings and equipment.

(in accordance with Directive 93/42/EEC: MDD)

Delivery forms / Packaging units

Unit sizesPackaging units

Flask 500 ml 12 Flasks / PackageBACDL500

Art. no

