

Ready-for-use

Exocoat AM is ready-for use and easily sprayed on any surface, porous or non-porous. Coverage ranges from 30 to 80 m²/L depending on the substrate. Wiping is possible as well. Even though it is simple to apply, its proper application is a critical success factor. A thin, invisible non-dripping, uniform layer provides the best effect, both in performance as well as in aesthetics. Reference is made to a separate 'instruction for use' AXC-I35.01.



Health and Safety

Exocoat AM does not leach any transition metals like silver. The matrix of Exocoat AM consists of titanium dioxide. The unique TiO₂ matrix is produced by the sol-gel process, leading to highly organized and strongly bound nano-sized surface coverage. It is unlikely that large quantities of nanoparticles are released.

Exocoat AM functions as a catalyst and as such complies with the requirements of the EU Biocidal Product regulation.



The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given. Since the conditions of use are beyond our control, we disclaim any liability, including for patent infringement, incurred in connection with the use of these products, data or suggestions.

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THE CONTINUOUS ANTIMICROBIAL COATING FOR HIGH-TRAFFIC AREAS.



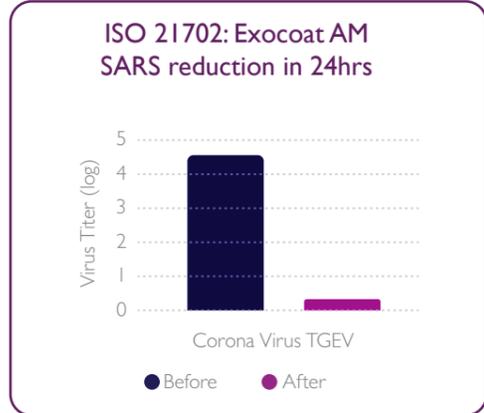
EXOCOAT AM
by Axcentive

- ➔ Exocoat AM is the state-of-the-art continuous antimicrobial coating for high traffic areas, easy to apply and durable, allowing longer disinfection intervals while preserving hygiene level.
- ➔ Efficacious even under low light conditions
- ➔ The invisible antibacterial coating
- ➔ Non-silver leaching
- ➔ Lower service frequency
- ➔ No need for frequent disinfection routine



Provide safety first

Professional facility managers and other stakeholders, responsible for the well-being of employees, the public or even patients make sure that the environment they control is hygienically clean, avoiding infections arising from cross contamination. Pathogens can survive on inanimate surfaces such as stainless steel or plastics or in the air by means of aerosols. Therefore, even if a thorough disinfection protocol is being executed to the letter, cross contamination occurs by surfaces touched or even the air inhaled. In this brochure we present a complementary solution, for OEM/design level or retro-fit, that provides continuous eradication of pathogens from surfaces and air. Exocoat AM is a unique and particularly effective smart antimicrobial coating, developed to this end.

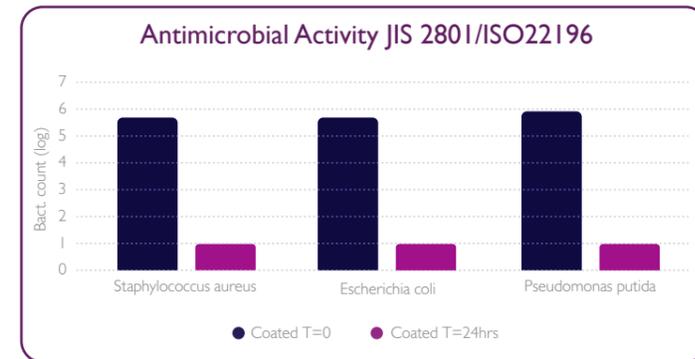


Exocoat AM – state of the art

Apply our product on any surface you consider relevant in terms of potential microbiological contamination. You can think of hospitals, clinics, and other sensitive areas where the consequences of any infection are serious. Include in your targets, public places with high traffic where the risk of cross contamination is much higher. Other relevant surfaces are HVAC's, the food & beverage market (including food packaging) and medical devices. Designed for indoor use, but in most cases also applicable outdoor (ask for our advice).

Exocoat AM is a water-based formulation and ready-for-use. It gives an invisible protection to door knobs, tables, furniture, walls, etc. When applied to large surfaces, Exocoat AM is not only keeping the surface free of pathogens, but contributes also to the removal of micro-organisms floating in the air. Exocoat AM is very powerful in destroying pathogens

even on dry surfaces. A 99.9 % reduction (log 3) means that from a contaminated surface with 10.000 bacteria per cm² only 10 remain. US EPA considers a log 3 reduction for 'supplemental residual antimicrobial products' to be the norm. Tested following ISO22196, a dry surface, coated with Exocoat AM, shows more than log 5 reduction in bacterial load.

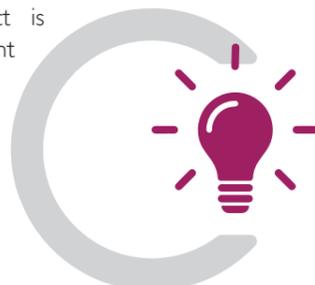


Choose the right technology

Smart antimicrobial coatings eradicate ambient pathogens providing a safe surface. Often based on silver or other transition metal ions, they effectively break down pathogens but with limited durability as metal ions are consumed, leach out and moreover cause environmental concerns.

Exocoat AM is based on doped nano-titanium dioxide, which is not silver leaching while giving outstanding performance.

Traditional TiO₂ technologies require a significant exposure to light. Exocoat AM is designed in such a way that even in low light, an appreciable killing effect is achieved. A higher light intensity will enhance the effect.



The durable solution

The proper protocol is: clean and disinfect before applying Exocoat AM, to start with a clean and hygienic surface. From there Exocoat AM keeps new contamination under control. Repeat regular cleaning to remove dirt and occasionally do a thorough disinfection. Re-application of Exocoat AM depends on the conditions of wear but usually is not more than 1 - 2 per year.

Exocoat AM is strongly bound to any surface it is applied to. Abrasion testing at 5000 wipes (with soap as medium) showed the activity of the coating remains fully intact. This test simulates a daily cleaning for more than 10 years !

