

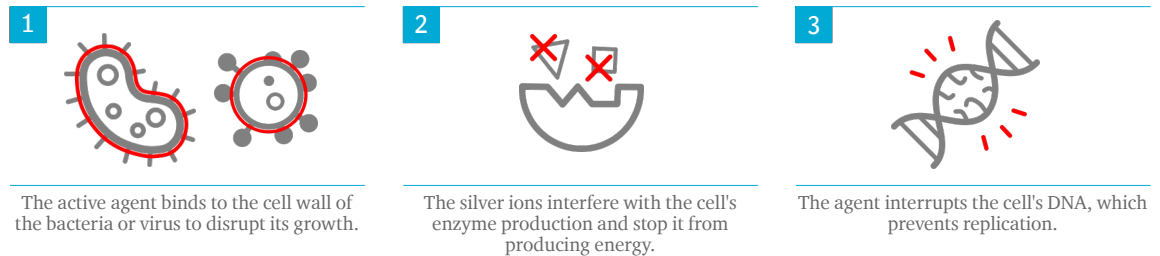


SYNAPS XM IS NOW PROTECTED AGAINST INFECTION-CAUSING BACTERIA AND VIRUSES

Around the world, the COVID epidemic has fundamentally changed our sense of hygiene and health safety. We have adopted new habits to protect the community and ourselves from the spread of infections. At Agfa we embrace technologies that support us in developing products that help fight the spread of harmful organisms. That is why SYNAPS XM has now been improved with an agent that antagonises the settlement and growth of bacteria and viruses on its surface.

How does the protection agent work?

The coating of SYNAPS XM now includes an equally spread preservative that provides inbuilt product protection against the settlement of harmful micro-organisms such as bacteria, viruses, fungi and moulds on its surface. Its activity builds on silver ion technology, used for many years in medical, food and water applications without harmful effects. One can't see, smell or even taste it.



How reliable is this protection?

Scientific tests have proven that SYNAPS XM will stop the settlement and growth of bacteria and viruses up to 99,94% - even on print areas that are 100% covered with toner. In support of this statement, SYNAPS XM has been granted the ISO 20743:2013 and ISO 18184:2019 certifications, which confirm the antibacterial and antiviral activity respectively. Both ISO certificates can be consulted on agfa.com/synaps.

99,9%



TYPE of MICRO-ORGANISM	POPULATION REDUCTION after	
	2 hrs	24 hrs
BACTERIA incl. hospital bacteria, salmonella, ..	22,18 - 94,34%	>99%
VIRUSES incl. SARS-CoV-2, ..	>98,55%	>99,92%

From the moment it is produced, every sheet of SYNAPS XM remains durably protected during its entire lifetime even when it is regularly being cleaned or washed.

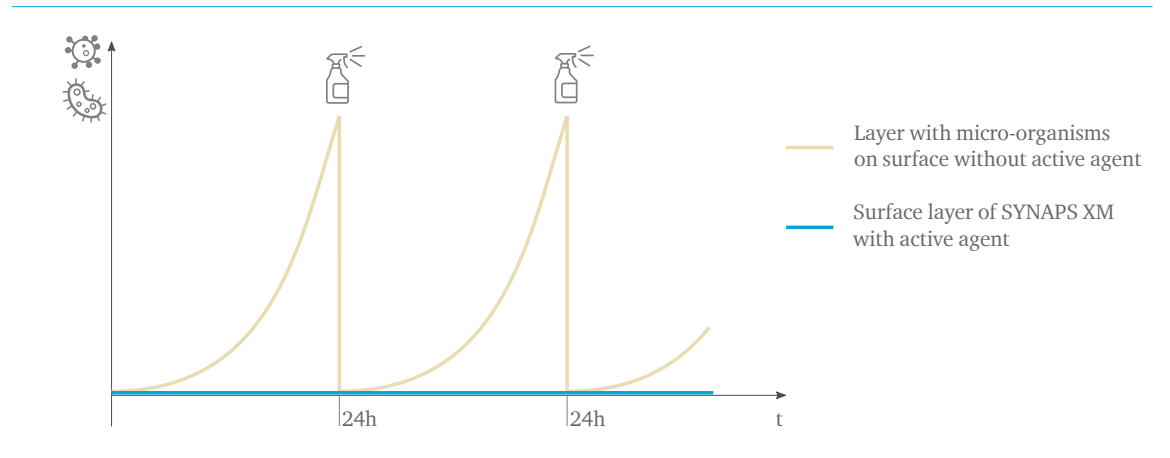
No more cleaning needed?

The cleaning of documents or signage in order to avoid contamination with bacteria or viruses is made redundant to a great extent. Of course there may be other reasons that justify an occasional wash using a soapy water solution as, for example, menu cards may get greasy and signage may collect dust.



Prints like paper.

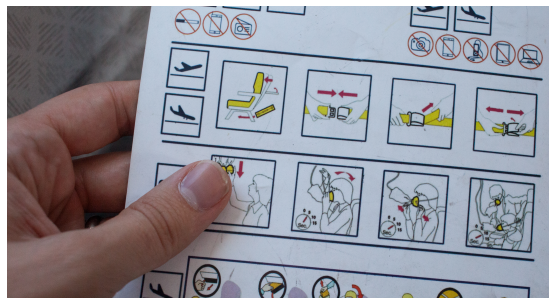
One may consider using a disinfectant spray or liquid to avoid the spread of micro-organisms as an alternative for SYNAPS XM. The agent inside SYNAPS XM, however, is autonomously active 24/7 and eliminates the burden of a human intervention. During their use, menu cards, for instance, tend to quickly build up a layer with micro-organisms which are continuously neutralised during both day and night in order to maintain the integrity of SYNAPS XM.



The benefits

The active agent intends to safeguard the properties of SYNAPS itself in the first place, but as a fortunate consequence the entire community may benefit of SYNAPS XM's contribution to reducing the spread of bacteria and viruses via printed items in shops, restaurants, schools or civil service buildings. Think of loyalty cards, menus, flight safety cards, counter posters and signage just to name a few.

Especially care environments may benefit from using SYNAPS XM for their print communication since its surface is protected not only against the settlement of the COVID-19 virus but also antibiotic-resistant bacteria such as Staphylococcus aureus (MRSA) and Vancomycin-resistant Enterococcus (VRE), also known as hospital bacteria.



More information

For more information, please contact a distributor of SYNAPS close to you.



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