

Questions & Answers

NordicChem Antimicrobial Coating

Q: As a business owner, why should I apply this product to my premises?

A: By combining Nordic Chem Antimicrobial coating with regular cleaning and disinfecting, a premise can be sure it is implementing the highest standard of surface defence against harmful microbes.

Q: My business is closed at the moment due to Covid-19. Should I apply this product before my premises reopens or after?

A: We strongly recommend applying Nordic Chem Antimicrobial before your business reopens. This will provide the applicator with a clean and empty space for application. Applying the coating before people potentially bring in contamination is a sensible action plan.

Q: Does the product terminate enveloped viruses?

A: Yes, it is effective against this type of virus as the coating terminates by puncturing the cell wall and rendering the virus unable to infect. Studies have been shown to prove this and are available to view on request.

Q: Have there been tests done?

A: Yes, there are several tests done on the active ingredients by independent laboratories. We can provide these on request.

Q: How long does your coating last?

A: Our antimicrobial coating will be fully functional for 90 days.

Q: How is your coating removed?

A: Our coating will not be removed by normal cleaning or disinfectants, it can only be removed with abrasion.

Q: What does Nordic Chem antimicrobial coating protect against?

A: Our coating protects your surfaces from a range of viruses, bacterias, mold, algae and odors. Also, the coating acts as a sacrificial layer of protection for the surface itself, protecting against micro-scratches and general wear and tear.

Q: Is your antimicrobial coating a chemical kill process?

A: No, the technology that our coating uses is a mechanical kill, creating a very thin layer of "nano-spikes" that penetrate the virus/bacteria that comes in contact with the coating, destroying the cell.

Q: Once it has adhered to the surface, does it leach any chemicals into the environment?

A: No, once Nordic Chem Antimicrobial coating has bonded to the surface it creates a durable layer of protection which provides an inhospitable environment for pathogens, by mechanical means, and the coating does not leach any chemicals into the environment.

Q: What is the difference between Nordic Chem Antimicrobial coating and a standard disinfectant?

A: The major difference is this product does not evaporate after being applied, the coating bonds to the surface it has been applied to for 90 days.

Q: What environments can this coating be applied to?

A: Our antimicrobial coating is a universal coating, meaning it is suited for all kinds of industries and environments, including: indoor and outdoor environments.

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Q: Are there other long term coating solutions for eliminating bacterias and viruses?

A: The only other technology that is currently available for long term surface protection are coatings that are terminating the pathogens by infecting the microorganism with a chemical agent such as silver, copper or zinc. Nordic Chem has chosen to utilize its technology as it is highly effective without leaching chemicals into the environment once the coating has cured.

Q: What is the program that is also offered with the coating?

A: Once our antimicrobial coating has been applied to the premise, the premise is eligible to register with IRSP, an independent surface protection registry. Your premise will be listed on the registry as meeting the benchmark for surface protection. You can display this on your premise with a variety of stickers and a banner/link will be provided to you for posting on your website. This is an additional service and is not compulsory.

Q: What can your coating be applied to?

A: Our coating will adhere to a wide variety of surfaces including metals, plastics, ceramic, carpet, timber, and upholstery. Nordic Chem antimicrobial is colourless and odourless by nature, therefore it does not stain fabric materials.

Q: Does your coating leave a residue behind?

A: No, our antimicrobial coating provides its users with an invisible shield of protection that is undetectable to the naked eye.

Q: Is this a replacement to regular cleaning and disinfecting?

A: No, this is an additional level of protection that does not only eliminate harmful microorganisms on application but continues to eliminate them all day every day.

Q: How long does it take for the coating to cure?

A: After a few minutes the coating will be dry to the touch, however, we recommend you allow it 2 hours for the coating to completely bond to the surface it has been applied to.

Q: Is the product approved for use in the EU?

A: Yes, we have ensured to be registered in the majority of the European countries and are following the guidelines set out by ECHA (European Chemicals Agency).

Q: What is the recommended application method?

A: Nordic Chem recommends using a cold fogger to apply the coating to ensure all surfaces have an even/complete layer of protection.

Q: How much ready-to-use can be made from 5 litres of concentrate?

A: After diluting Nordic Chem Antimicrobial coating concentrate 1:5 with water, you will get a total of 25 litres of ready-to-use product.

Q: How much surface coverage can I protect from 25 litres of ready-to-use product?

A: You can coat 1000m² with 25 litres of ready-to-use, using the fogger application method.