



Press Release

November 2020

New Antimicrobial Coating Protects Against Covid-19

Infection control specialist DDC Dolphin has launched a new [antimicrobial spray-on coating to protect surfaces from bacteria and viruses, including SARS-CoV-2/Covid-19](#).

DDC Dolphin's Hygenex Recoat antimicrobial coating system is also effective against other coronaviruses, MRSA, E. Coli, Salmonella, Legionella, Influenza, fungi and yeasts.

Hygenex Recoat protects surfaces for up to six months between applications – helping to safeguard care homes, hospitals, schools, universities, businesses, buses, trains and other public places.

The new system works by creating an infection-killing barrier on a wide range of surfaces including stainless steel, aluminium, copper, zinc, chrome, most plastics, glass, ceramics, wood, stickers and foil.

Infections allowed to remain on surfaces spread alarmingly quickly. Tests by researchers at Imperial College London showed how viral DNA on a hospital bed rail was spread to 18 other surfaces in 10 hours. These surfaces included door handles, chairs in a waiting room, children's toys and books in a play area.

This is a serious risk because droplet-borne viruses – such as SARS-CoV-2/Covid-19 – can remain infectious on plastic or stainless steel for up to three days. Some bacteria – such as E. Coli and MRSA – can survive there for several months.

DDC Dolphin Marketing Director Zoe Allen said: "A single cough can produce thousands of infectious droplets so regular cleaning and disinfecting of surfaces is critical.

"However, there is always the fear that an area may not be cleaned thoroughly enough – or missed altogether.

"But Hygenex Recoat provides vital extra protection and reassurance because it continues to kill infections for up to six months between applications."

New Hygenex Recoat uses silver ions as an active ingredient to help kill infectious viruses and bacteria. Silver has been used to control infections for thousands of years.

Silver's popularity waned with the advent of antibiotics. But antibiotics do not work on viruses – and bacteria are becoming increasingly resistant to them too. So science is turning once again to silver.

The Hygenex Recoat system comprises two spray-on products:

- Hygenex Recoat Surface Cleaner – that degreases and cleanses the surfaces in preparation for the application of the Antimicrobial Protector
- Hygenex Recoat Antimicrobial Protector – a thin and invisible water-based coating that contains the germ-killing silver ions.

DDC Dolphin have worked closely with the Dutch company Recoat BV, which provides the technology behind this revolutionary antimicrobial agent. Recoat has spent the past 2 years developing this coating technology, which can now play an important role in the fight against Covid-19.

www.recoat.eu/en/

Poole-based DDC Dolphin manufactures and exports [sluice room equipment](#) across the world, protecting care homes and hospitals from dangerous infections including superbugs.

The company manufactures and supplies medical pulp macerators, incontinence product macerators, bedpan washer disinfectors, UV air purifiers, stainless steel furniture and sluice room consumables.

Its [Hygenex consumables range](#) includes the new Recoat system and also:

- EcoWash+ Bedpan Washer Scale Inhibitor and Wash
- EcoCleanse+ Macerator Disinfectant
- Scalematic Limescale Inhibitor
- 100% natural compostable, maceratable, flushable wipes (wet and dry) for patient care and cleaning
- Medical pulp bedpans, urine bottles, kidney dishes, bowls, cups and jugs
- Alcohol-based hand sanitiser
- Reusable urinal bottles, bedpans and commode pots.

For more information, please contact DDC Dolphin Marketing Director Zoe Allen, 01202 731555, info@ddcdolphin.com, <https://ddcdolphin.co.uk>

-Ends-

Notes For Editors

DDC Dolphin Ltd
The Fulcrum
Vantage Way
Poole
Dorset
BH12 4NU

T: +44 (0) 1202 731555

F: +44 (0) 1202 731666

W: <https://ddcdolphin.co.uk>

E: info@ddcdolphin.com

DDC Dolphin is a leading manufacturer of infection control equipment for the healthcare sector. The company was founded in 1991.

DDC Dolphin safeguards patients and clinicians from infection by providing a complete sluice/dirty utility room solution for hospitals and care facilities.

The company manufactures, installs, maintains and audits pulp macerators, bedpan washer disinfectors, sluice room stainless furniture and consumable products. It has invested in antimicrobial coatings and hands-free technology to drive innovation in the sector.