

**All you need
to know**

What is SteriTouch?

SteriTouch® is an established UK brand in antimicrobial technology, with a global customer base.

When you buy a product containing SteriTouch®, it will be protected from the growth of bacteria, fungi and mould for its usable lifetime.

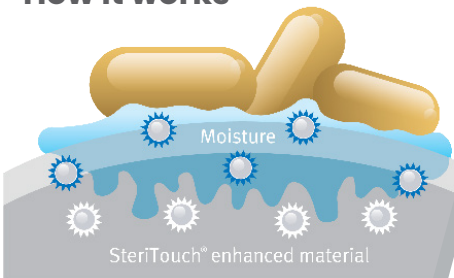
By harnessing the antimicrobial properties of silver, we create additives for use in almost any material, from plastics and rubber to paints and fabrics, where hygiene, performance or aesthetics are important.

The antimicrobial performance of the end product is confirmed by independent testing to the international standards JIS Z 2801 and ISO 22196.

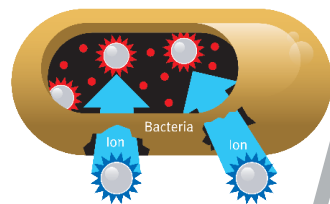
Prevents *Staphylococcus aureus* and *Pseudomonas aeruginosa*, the bacteria responsible for ear infections



How it works



Silver ions embedded in the material substrate are released via ambient moisture and enter the cell membrane. The silver ions destabilise the cell, stop respiration and inhibit cell division, whilst blocking the replication of DNA, killing the cell.



Is it safe?

Most products offering SteriTouch® protection use an additive based on ionic silver, which holds extensive approvals including those for food contact.

All of the active components we use are approved by the EPA, EFSA and FDA, and are supported for authorisation under the Biocidal Products Regulation.

Case Study: One of our customers questioned the health implications of a small child chewing one of their antimicrobial remote control handsets. We sought independent advice and using the World Health Organisation limits for silver intake (adjusted to account for lower body mass) calculated that a child could eat an entire remote handset every month for a year, absorbing every particle of silver, and still remain within the WHO limit.

Did you know... we don't use nano-silver

Nor do we use triclosan or other organic antimicrobial additives which have health or environmental concerns. The ionic silver additives which are used in the majority of our products are non-leaching and non-sensitising.

**Stops the build-up of
slimy biofilm on difficult
to clean products**



Why choose a product with SteriTouch?

The main function of an antimicrobial product is to offer protection against a range of bacteria including *E. coli*, MRSA, Salmonella and Legionella, as well as black mould growth, biofilm and fungi.

Mould growth is responsible for costly redecoration cycles and respiratory complaints, especially in damp and humid environments where its prevention is otherwise difficult. SteriTouch® works continuously and effectively to restrict this growth before it appears.

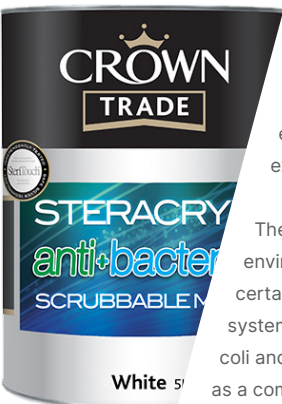
SteriTouch eradicates the bacteria which causes contamination and infection, as well as those responsible for odours and staining. The antimicrobial effect also protects the product against degradation, extending its use.

The purpose of SteriTouch® is not to create a sterile environment - we all know that being exposed to certain types of bacteria builds a healthy immune system. However, bacterial infections such as MRSA, *E. coli* and Listeria can be very serious; SteriTouch® acts as a complementary measure to routine cleaning.

Did you know?

Silver has been used for centuries for its natural sterilising properties.

Around 400BC, Hippocrates taught that silver healed wounds and controlled disease, while the American Pioneers would often put a silver dollar into containers of milk to keep it fresh without refrigeration.



Who uses SteriTouch?

The recognisable SteriTouch® trademark has been adopted as a co-brand by a broad range of companies, to promote the antimicrobial properties of their products.



Ricardo Beverly Hills incorporates SteriTouch® into various parts of its latest suitcase range, including handles and inner linings

Dispensers, baby changing equipment and hand dryers all feature SteriTouch® protection to aid hygiene in the washroom



The global leading manufacturer of hand dryers, in place all over the world and coated with SteriTouch® to prevent cross contamination

The Steracryl range of commercial paints protects against bacteria and mould for a number of years, specified in building projects and healthcare settings



TransK9 dog transit boxes utilise an antimicrobial powder coating that featuring SteriTouch technology in order to reduce the build up of odours caused by dirty pets

Inventors of the most water efficient and energy saving toilet around, Propelair use SteriTouch® in the latch as an extra barrier to germs.



How effective is it?

Products containing SteriTouch® additives are routinely tested at independent laboratories and proven to be up to 99.9999% effective against microorganisms including MRSA, E. coli and Bacteriophage Phi6, even achieving a 93% reduction of SARS-CoV-2, the virus responsible for COVID-19, in 2 hours. (Test reports available on request).

For applications requiring protection against other organisms, testing has also been carried out against Candida, Legionella and Campylobacter. SteriTouch® is also effective against biofilm, the slimy substance caused when clusters of bacterial cells adhere to a hydrated surface. Biofilm is responsible for slippery bath mats, clogged drains and even dental plaque, and can be very difficult to remove retrospectively.

Several customer products have been subjected to accelerated mould tests, including bathroom sealants and grouts, which demonstrated zero mould growth even after 10 years' simulated ageing.

Will it wear off?

Once SteriTouch® has been incorporated into a material it is essentially there to stay. Recent independent testing of a new paint range demonstrated no loss in antimicrobial performance even after 10 years of accelerated ageing.

Products containing SteriTouch® additives will not lose efficacy due to leaching or migration, and since they are evenly dispersed throughout the material even scratches and abrasion do not affect the antimicrobial performance.

Importantly, SteriTouch® additives are unaffected by cleaning chemicals such as chlorine bleach, disinfectants and alcohol. Even harsh industrial products like MEK (methyl ethyl ketone) do not diminish the antimicrobial properties of products containing SteriTouch®.