

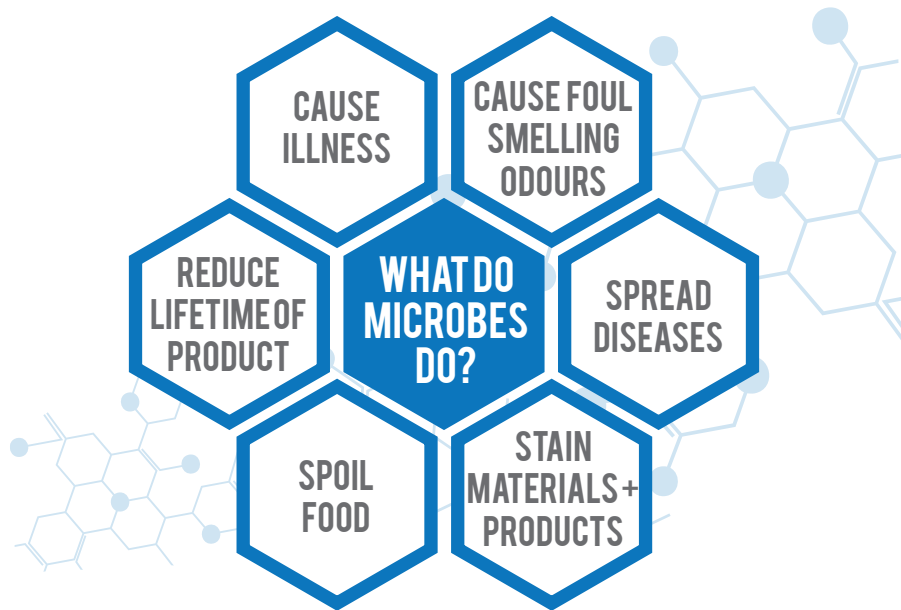
How Does Our Antimicrobial Protective Coating Work?

What does antimicrobial mean?

Antimicrobial describes a sanitising agent that will kill or slow the spread of microorganisms.

What are Microorganisms?

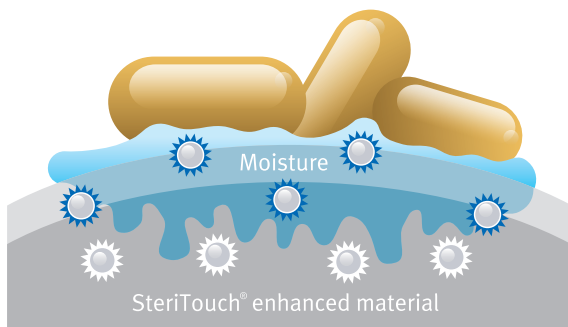
A microorganism, or microbe, is a microscopic unicellular organism invisible to the naked eye. They are the oldest form of life and include viruses, bacteria, mould and fungi which contribute to many infectious diseases such as Listeria, Salmonella, MRSA, Colds and Flu etc.



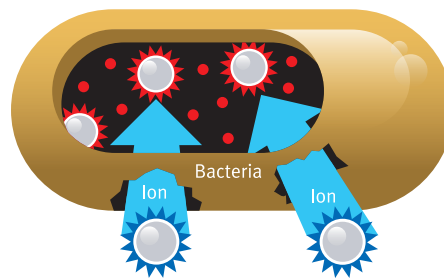
So how does our **Self-Sanitising** protective coating work when the SteriTouch® antimicrobial additives are incorporated?

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, thus killing the cell.

Illustration showing how silver ion technology works to kill harmful microbes



Silver ions embedded in the material substrate are released via ambient moisture and enter the cell membrane



Silver ions destabilise cell membrane, stop respiration and inhibit cell division, whilst blocking the replication of DNA

How Does Our Antimicrobial Protective Coating Work?

How effective is our **Self-Sanitising Ironmongery Range**?

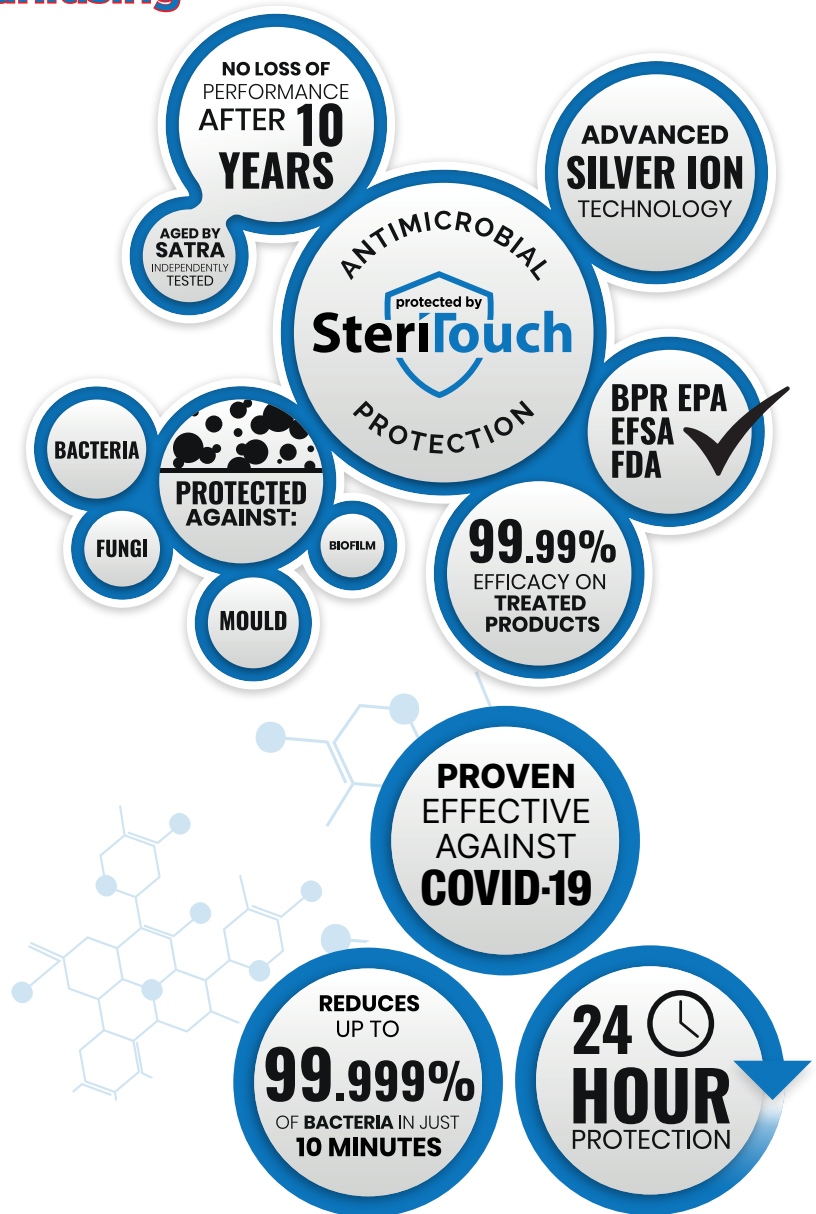
Our oven cured protective coating is extremely durable and is suitable for both internal and external applications. Its antimicrobial performance has been scientifically proven by a leading UK laboratory (test data available) **to reduce the number of bacteria on a protected product by as much as 99.999% in 10 minutes.**

When applied it provides continuous round-the-clock protection 24 hours a day, 7 days a week, 52 weeks of the year.

It provides built-in protection for the expected lifetime of our products (as long as the coating remains intact).

Our antimicrobial products are extremely safe and suitable for use in schools, nurseries, offices and restaurants etc, due to the fact they do not contain nano-silver or other organic antimicrobial components which have health or environmental concerns.

The ionic silver additives which are used in our protective coatings are non-leaching and non-sensitising.



FULLY COMPLIANT ADDITIVES

FDA EPA EFSA BPR

ALL OF THE ACTIVE INGREDIENTS IN STERITOUCH® ADDITIVES ARE FOOD CONTACT APPROVED, AND ARE SUPPORTED WITHIN THE

BIOCIDAL PRODUCT REGULATIONS

SteriTouch® is a registered trademark of Addmaster (UK) Ltd