



# Quartus Antimicrobial combi door handle

Frequently asked questions



**Trusted every day**



**Door handles  
are the first and  
last thing people  
touch as they  
enter and leave  
their home**

## **Who is BioCote®?**

BioCote® is a marketing leading antimicrobial additives provider. Yale has partnered with BioCote® to launch the antimicrobial combi door handle. BioCote is accredited to ISO 9001:2015, ISO 14001 and HACCP International certification.

## **How does BioCote® antimicrobial technology work?**

BioCote® antimicrobial technology is manufactured into the Quartus handle, BioCote® additives make it inhospitable to microbes such as bacteria and mould that may contaminate them.

## **What does Biocote technology protect against?**

The Yale Quartus antimicrobial combi door handle has been tested against MRSA & E.coli, but the BioCote® technology it contains has been extensively tested against a wide range of microbes.

## **Does BioCote technology protect against Covid-19?**

BioCote® technology has been proven effective against feline coronavirus with an efficacy of 90% reduction in 2 hours. The technology has not been tested against SARS-CoV-2, the strain responsible for the COVID-19 pandemic. BioCote® technology is not a replacement for good hygiene practices, but instead offers hygiene benefits that further support good cleaning and hand hygiene regimes.

## **How quickly does the antimicrobial protection work?**

The BioCote® protection included in our Quartus antimicrobial door handle had been proven to reduce bacteria by up to 86% in 15 minutes and up to 99.5% in 2 hours.

## **How long will the Quartus handle be antimicrobial protected?**

Lifecycle testing shows the antimicrobial technology will offer maximum performance for the lifetime of the product.

## **Will the antimicrobial additives harm the corrosion performance?**

The Yale Quartus antimicrobial handle has been successfully tested to BS EN1670 Grade 5 and has exceeded 1000hrs Neutral Salt Spray Testing. Furthermore, by reducing the growth of microbes that can cause material degradation, BioCote® technology helps support long-term performance.

## **Do I need to use any special cleaning products?**

No. Yale recommends that the Quartus antimicrobial combi door handle is surface-cleaned with a damp cloth only and kept free of dirt.

## **Has the Yale Quartus handle been tested?**

The Yale Quartus antimicrobial door handle has undergone a rigorous validation process before launch to prove the technology is working to the required performance standard. Test data is available upon request.

## **How can you identify a Quartus antimicrobial door handle to a standard Quartus door handle?**

The Yale Quartus antimicrobial combi handle is supplied with a removable Yale branded QR coded sticker and has the wording 'Antimicrobial Protection' printed.

## **What is the difference between antimicrobial and antibacterial?**

An antimicrobial is effective against a wide spectrum of microbes; this includes bacteria, mould, fungi and even viruses. An antibacterial is only effective against bacteria.

## **Whats happens if my pet or child licks the BioCote protected handle?**

The BioCote® protection in the Yale is non-migratory, meaning it does not wash off or wear away. As a result of this, the BioCote® additives have approval for food contact applications and are used in products such as dog bowls and baby teethingers.