



Quartus Antimicrobial combi door handle

Frequently asked questions - Trade



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.

Can the BioCote® coating be added to any other products?

Yes, BioCote® technology can be added to other products within our range. Please contact your Yale account manager to discuss your requirements or contact us on 01902 366800.

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.

Does the Quartus antimicrobial door handle require any special cleaning products or regimes?

Yale recommends that the Quartus antimicrobial combi door handle is surface-cleaned with a damp cloth only and kept free of dirt.

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 NSST. Furthermore, by reducing the growth of microbes that can cause material degradation, BioCote® technology helps support long-term performance.

Has the Yale Quartus antimicrobial 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 and a coloured circle sticker on the inner backplate.

Whats happens a 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.

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What colour is the Yale Quartus antimicrobial handle available in?

The Yale Quartus antimicrobial handle is available in White, Satin Black, Champagne Gold and Chrome. It has been designed and developed to complement the Quartus window handle range, offering a suited range of hardware.