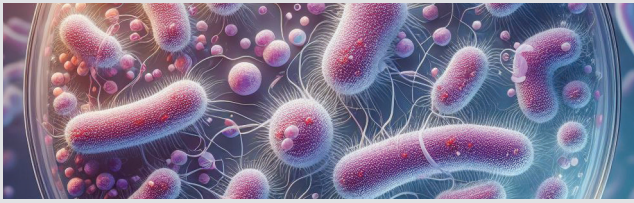
Biomaster Antimicrobial Protection



How effective is Biomaster?

Very. Biomaster is proven to inhibit the growth of microbes by up to 99.99%. It has also been proven to be effective against antibiotic-resistant bacteria such as Methicillin-resistant Staphylococcus aureus (MRSA) and Vancomycin-resistant Enterococcus (VRE).

Is Biomaster safe?

Yes. It is based on silver ion technology, recognised for centuries with no harmful effects. Biomaster is used in medical, food and water applications.

What's the difference between antimicrobial and antibacterial?

An antimicrobial inhibits the growth of, or destroys harmful micro-organisms such as bacteria and fungi. An antibacterial specifically prevents the growth of bacteria.

Has Biomaster been tested?

Yes, repeatedly. Biomaster is tested to ISO standards. We also undertake on-going quality control tests and environmental trials.

Is Biomaster effective against mould?

Yes, the technology is known to delay the development of mould. Testing would be needed to support any claims.

How long is Biomaster effective for?

Biomaster is effective for the intended lifetime of the product it's added to. It is built-in and doesn't wear off or leach out.

Does Biomaster affect a product in any way?

No.You can't see, smell or even taste Biomaster.

Can a Biomaster-treated polymer be recycled?

Yes, it can be recycled effectively without any complications.

Is Biomaster a substitute for regular cleaning?

No. Biomaster protects product surfaces in between cleans.

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Use biocides safely. Always read the label and product information before use.

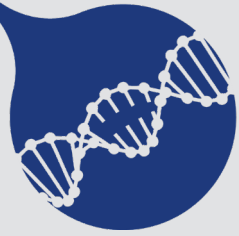
Biomaster Antimicrobial Protection

How does Biomaster work?

1 Biomaster **binds** to the cell wall **disrupting growth**

2 The Biomaster ions **interfere** with enzyme production **stopping the cell producing energy**

3 Biomaster **interrupts** the cell's DNA **preventing replication**



Does Biomaster use nano-silver technology?

No. We don't use nano technology due to ongoing safety concerns.

Why is Biomaster better than other silver based antimicrobial additives?

Biomaster pioneered the use of antimicrobial additives, and remains the recognised leader and most trusted supplier of antimicrobial technology for polymers, textiles, paper, paints and coatings.

How do I know if a product is Biomaster protected?

Unless it carries the Biomaster symbol, you don't. Ask before you buy it.

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