

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**



HOW EFFECTIVE IS BIOMASTER?

Biomaster is proven to inhibit the growth of microbes by 80% in 15 minutes and 99.99% in 2 hours.

IS BIOMASTER SAFE?

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

HOW LONG IS BIOMASTER EFFECTIVE?

Biomaster is effective for the lifetime of the Dycem product. It's built into the product and doesn't wear off or leach out.

Watch How
Biomaster Works



Biomaster Antimicrobial Protection



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 recognized leader and most trusted supplier of antimicrobial technology for polymers, textiles, paper, paints, and coatings.

WHAT'S THE DIFFERENCE BETWEEN ANTIMICROBIAL AND ANTIBACTERIAL?

An antimicrobial inhibits the growth of or destroys harmful microorganisms such as bacteria, fungi, and molds. An antibacterial specifically prevents the growth of bacteria.

HAS **BIOMASTER** BEEN TESTED?

Yes, repeatedly. Biomaster is tested to ISO standards. We also conduct ongoing quality- control tests and environmental trials.

DOES **BIOMASTER** AFFECT A PRODUCT IN ANY WAY?

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

IS **BIOMASTER** EFFECTIVE AGAINST ANTIMICROBIAL-RESISTANT BACTERIA?

Yes, Biomaster has been proven to be effective against antibiotic-resistant bacteria such as MRSA and VRE.

Biomaster and Dycem - better together for superior hygiene...