

MICROBAN



ANTIMICROBIAL TREATMENTS FOR FOAMS

Microban® antimicrobial technologies create cleaner, fresher and more durable foam products.

Who Is Microban International?

Microban International is a global leader in built-in antimicrobial and odor control solutions.



Utilized by
300+
companies worldwide

Proudly displayed
on more than
1000 products

Acknowledged as an industry Trustmark, Microban® technologies are utilized by more than 300 brands in over 30 countries.

Did You Know?

Microbes are everywhere, covering the products and surfaces that we encounter every day. On an unprotected surface, microbes can double in number every 20 minutes! That's why, now more than ever, consumers are looking for products with an added level of cleanliness protection.

What Is Antimicrobial Technology?

Antimicrobial technology is a solution that inhibits the growth of microorganisms such as bacteria, mold and mildew.

Unlike disinfectants, which provide a limited residual activity once the surface dries, integrated antimicrobial technology works to continuously minimize the presence of microbes throughout the entire life-cycle of a product. It can be formulated into a powder, liquid or masterbatch pellet.

What Effects Can Microbes Have on Foam Products?

Foams are used in a range of consumer and industrial applications. Exposure to moisture, heat, humidity and high-traffic means foam products often support the growth of bacteria and fungi that may cause odors, stains and premature material degradation.



Staining & Bad Odors

Microbial growth can cause foam products to look unsightly and/or emit foul-smelling odors.



Premature Degradation

Microbes can negatively impact the durability of foam products.



Added Peace of Mind

Keeps inaccessible areas, such as flooring underlayment and furniture foam, cleaner and fresher.



Unrealistic Cleaning

Controlling microbial growth on foam products can require demanding cleaning routines that may compromise the integrity of the product.

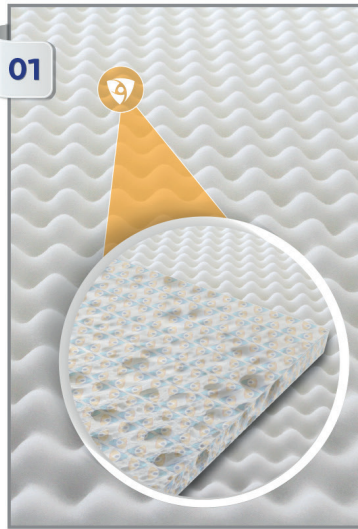
The Solution: Antimicrobial Product Protection

Microban's proven antimicrobial technologies combat the uncontrolled growth of product-damaging microbes. Integrated at the stage of manufacture, our unique compounds are carefully customized for each product's production process, specifications and end-use, ensuring seamless integration and high levels of efficacy.

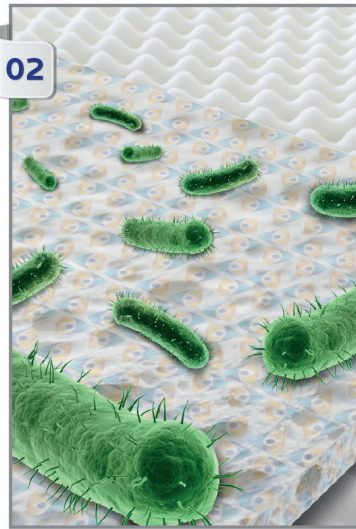
How Does Microban® Work?

Microban antimicrobial technology works at a cellular level to continually disrupt the growth and reproduction of microorganisms. It operates a multi-modal attack, damaging the protein, cell membrane, DNA and internal systems of a microbe. Once infused into a product, Microban® technology will start to work as soon as a microorganism comes into contact with the protected surface.

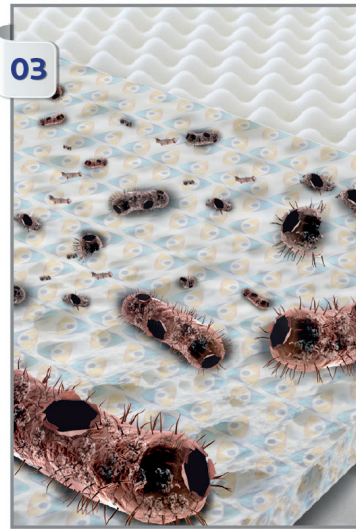
Technology Integration



Surface Contamination



Technology at Work



A Cleaner, Fresher Surface



Common Product Applications

The powerful effects of Microban antimicrobial product protection can be added to an array of polyurethane, polyolefin and EVA foam applications.



Automotive Interiors



Flooring Underlay



Footwear Insoles



Kitchen Sponges



Mattresses & Pillows



Yoga & Exercise Mats

Testing Antimicrobial Performance

The antifungal properties of Microban technologies can be assessed using standardized fungal test methods such as AATCC Method 30 or ASTM G21. To test for antibacterial performance, quantitative methods such as the ISO 20743 (JIS L 1902) or ISO 22196 (JIS Z 2801) are recommended.

Better Collaboration, Better Protection

At Microban, we pride ourselves on being an innovation engine for companies worldwide - but our value proposition doesn't begin and end with our technology portfolio. As a Microban partner, you will benefit from a host of invaluable turnkey support services. Our industry experts become an extension of your own team, providing unrivalled marketing support, regulatory guidance, and sales training.

With more than 300 companies in our partner network, Microban is widely acknowledged as the antimicrobial brand your customers will know and trust.

THE BENEFITS



Keeps Products and Surfaces Cleaner and Fresher



Facilitates Easier Cleaning



Improves Product Durability



Provides Added Peace of Mind for Consumers



Has a Long History of Safe and Effective Use



Suitable for Integration into a Range of Foams

Discover More

Microban technologies can be found in thousands of products made by hundreds of leading manufacturers around the world. If you're interested in learning how our solutions can become an integral part of your foam products, contact us today.



Check out the latest foam blog